

CANADA

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REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

WORKS UNDER HIS CONTROL

FOR THE

FISCAL YEAR ENDED MARCH 31

1919

Submitted in Accordance with the Provisions of Chapter 39, Section 34,  
of the Revised Statutes of Canada.

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OTTAWA  
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1919







*To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc.,  
etc., Governor General and Commander in Chief of the Dominion of Canada.*

I have the honour to lay before Your Excellency the Report of the Department of Public Works of Canada, for the fiscal year ended March 31, 1919.

I have the honour to be, sir,

Your Excellency's most obedient servant,

A. L. SIFTON,  
*Minister of Public Works.*

OTTAWA, September 27, 1919.







ALPHABETICAL INDEX TO REPORTS

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DEPUTY MINISTER.

CHIEF ARCHITECT.

CHIEF ENGINEER.

GENERAL SUPERINTENDENT OF TELEGRAPHS.

COLLECTOR OF REVENUE.

CHIEF ACCOUNTANT.

LAW CLERK.

NATIONAL GALLERY.



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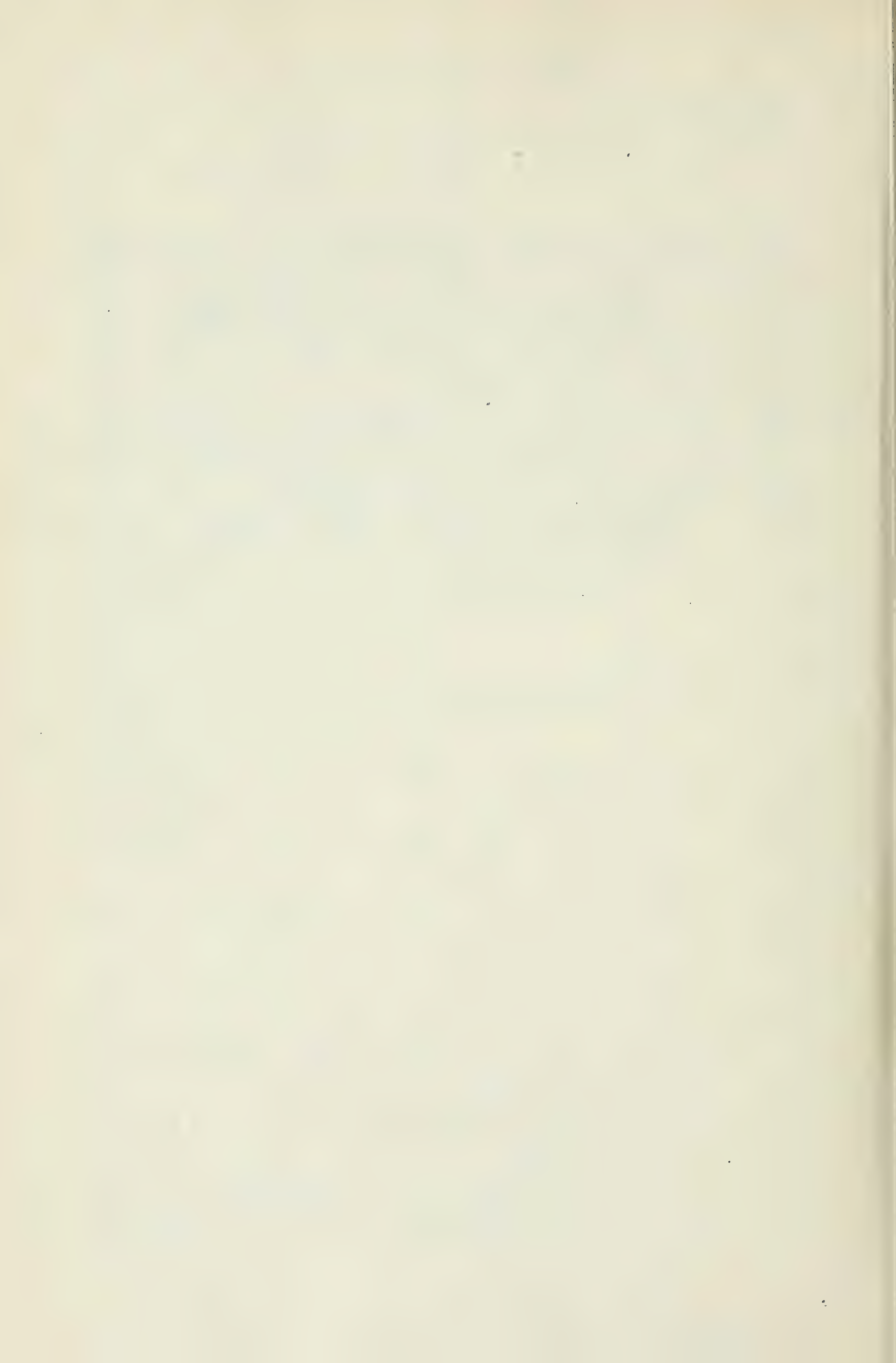
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REPORT  
OF THE  
DEPUTY MINISTER OF PUBLIC WORKS  
FOR THE  
FISCAL YEAR ENDED MARCH 31, 1919.

DEPARTMENT OF PUBLIC WORKS, CANADA,

OTTAWA, September 25, 1919.

Hon. ARTHUR L. SIFTON,  
Minister of Public Works,  
Ottawa, Ont.

SIR,—I have the honour to submit the report of the Department of Public Works for the fiscal year ended March 31, 1919.

EXPENDITURE.

The total expenditure incurred by the department during the fiscal year 1918-19, on its various works of construction, maintenance, and operation amounted to the sum of \$21,395,500.45, of which the sum of \$8,492,503.87 is charged to the War Appropriation. The details of this outlay may be classified under the following subdivisions:—

Harbour and river works.. . . .	\$ 3,181,348 90
Dredging, plant, etc.. . . . .	677,500 29
Slides and booms.. . . .	56,168 70
Roads and bridges.. . . .	24,952 21
Public buildings.. . . .	7,466,679 35
Telegraphs.. . . .	789,883 40
Miscellaneous.. . . .	706,463 73
Total.. . . .	\$12,902,996 58
Expenditure chargeable to War Appropriation, not included in above.. . . .	8,492,503 87
Grand total.. . . .	\$21,395,500 45

It will be observed that the departmental expenditure on ordinary account was some one and one-half million dollars less than that of the preceding year, as a result of the continued application of the policy of retrenchment which has been carefully practised throughout the period of the war. Within the last four years, the expenditure of this department has been decreased by the enormous sum of \$16,380,320.24, the outlay in 1915 having reached the sum of \$29,283,316.82.



REVENUE.

The revenue for the year amounted to the sum of \$530,482.61, and is made up as follows:—

Slides and booms.. . . . .	\$ 16,763 45
Graving docks.. . . . .	72,428 04
Rents.. . . . .	101,664 28
Telegraphs.. . . . .	231,331 65
Casual revenue.. . . . .	108,295 19
Total.. . . . .	<hr/> \$530,482 61 <hr/>

There is an increase of \$108,990.77 over last year's figures; the principal increase occurring under the headings of "Graving Docks," "Telegraphs," and "Casual Revenue," while the returns from "Slides and Booms," fell off from \$26,187.92 in 1917-18 to \$16,763.45 in 1918-19, a difference of \$9,424.47. The Petawawa river returned \$3,863.36 in 1917-18, while last year there was no timber at all on that river. On the Black river, roughly speaking, there was only one-third of the revenue received in 1917-18.

The last three years have been particularly trying to the producers of sawn lumber. Not only have they had to contend at times with low water, which makes driving arduous and expensive, but the cost of labour increased very rapidly; and, as the flower of the woodsmen went overseas, notwithstanding the greatly enhanced price paid for labour, the quality was not at all equal to the extra cost. Moreover, the cost of provisions was a very serious item. The department's information is that last winter it cost ninety-two cents per day to feed a man in the bush, or about one hundred and fifty per cent more than it did in 1914. It may be said that the prices obtained for sawn lumber fully compensated for the increased cost of production. Possibly this might be true, if it could have been marketed; but it is a recognized fact that no space whatever was available for the transportation of lumber overseas in 1916, 1917 and 1918; and, as the cost of labour and other materials had so rapidly increased, building operations were so largely curtailed that no market, but for a limited portion of the output of Canadian lumber, was obtainable either in Canada or the United States, and there was little or no transportation space available for shipment of lumber to South America. Taking all these facts into consideration, it is not a matter of surprise that last year the number of logs which passed through the Ottawa River works was the smallest on record. To counterbalance this, however, the quantity of pulp wood which came through was more than double that of the previous year.

In the revenue derived from dry docks, there was an increase of \$15,943.88. One vessel alone—a Japanese boat, the *Canada Maru*, of 5,760 tons—was in the Esquimalt, B.C., dry dock from the 16th September, 1918, until the 11th January, 1919, one hundred working days, and the charges thereon were \$17,170.60. This is the record for a single merchant vessel since this dock opened for business.

Towards the close of last season, a number of vessels belonging to the United States Shipping Board, which it was desired to get out to sea before the close of navigation on the St. Lawrence, caused quite a rush in the Levis dock from the beginning of December, 1918. The dock was occupied by these vessels up to December 22, 1918, the latest date on record.



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The increase of \$26,454.22 over last year in the Telegraph Revenue was derived chiefly from the western provinces. The lines in Alberta show an increase of \$4,785.17; those in British Columbia of \$8,042.63; while the Yukon yielded \$12,313.71 more revenue than in the year 1917-18. This was mainly due to the activities of the Imperial Munitions Board on Queen Charlotte island in the production of aeroplane spruce.

The large increase in Casual Revenue is due principally to the sale of various items of plant, old immigration buildings no longer required, and scrap, together with rentals from dredging plant which was not in use by the Department during the last year.

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From 1845 to 1854, the revenue from slides was collected by the Department of Customs through the collectors. In 1855, the collection was transferred to the Department of Crown Lands. In 1867, Confederation, the dues having ceased to be provincial revenue, the collection was transferred to the Department of Inland Revenue, but in 1868 it was arranged that the Crown Timber Office at Ottawa be continued as a Dominion Office, which would also collect all timber and slide dues for the three Governments, each Government paying an equal share of the office expenses. On the 19th August, 1889, an Order in Council was passed, transferring the collection of slide and boom dues to the control of the Department of Public Works. In April, 1895, the collection of revenue from graving docks and locks was placed under the charge of the Collector of Revenue. The collection of rents became a feature in 1902, and increased rapidly on the acquisition of the Sussex Street and Wellington Street properties; and, by Order in Council of the 27th April, 1909, the collection of rentals under leases granted by this Department and previously collected by the Inland Revenue Department, was transferred to the Department of Public Works.

## HARBOUR AND RIVER WORKS.

The total expenditure in this branch of the Department of Public Works was \$3,181,348.90, which is \$2,370,425.07 less than last year's outlay.

The following is a list of works which have been completed during the year:—

*Nova Scotia.*—Battery Point, extension to south breakwater; McKay's Point, reconstruction of portion of breakwater; Margaree, breakwater; Meteghan, repairs to wharf.

*Ontario.*—Bayfield, renewal of south pier; Cobourg, repairs to east pier; Port Burwell, repairs to pier; Port Stanley, extension to breakwater.

*British Columbia.*—Esquimalt, coaling wharf; Squirrel Cove, small float; Vancouver, sprinkler system, sheds on wharf, shed on west side.

The following works were under contract, but unfinished at the end of the fiscal year:—

*Nova Scotia.*—Chimney Corner, wharf; Halifax, north slip King's Wharf, retaining wall and dredging; Inverness, extension to breakwater and dredging; Lower Kingsburg, breakwater, skidway and shed.

*New Brunswick.*—Back Bay, renewal of wharf; St. John Harbour; Courtenay Bay Breakwater extension, dredging, dry dock; Tynemouth Creek, reconstruction of western block.



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*Quebec.*—Champlain dry dock; Laprairie, improvements to dyke; Verchères, wharf.

*Ontario.*—Burlington, repairs to pier; Cobourg, repairs to Langevin Pier; Toronto, Harbour Works.

*Saskatchewan.*—Sutherland, water supply system.

*British Columbia.*—Esquimalt, dockyard wharf; Fraser River, protection works to jetty; Hardy Bay, construction of float; New Massett, wharf; Victoria, shed on pier No. 3.

As a result of the disastrous explosion of a munitions ship, which occurred in the harbour of Halifax in December, 1917, the dry dock constructed by the Halifax Graving Dock Company, Limited, and completed in 1889, and the repair sheds and plant connected therewith, were practically destroyed. In view of the great importance of the port of Halifax as a naval base, and the fact that it was largely used by warships and war craft of all kinds, and by transports of His Majesty and his allies, and also as a rendezvous for ships needing convoy, it was urgently necessary for the purposes of the war that all facilities for the repairing of ships of war and other vessels should be effectively available with the least possible delay; and, in order to attain this object, an agreement was entered into with the owners of the dock, by which they agreed to proceed with its reconstruction and to furnish the sum of \$111,000, which was the amount of insurance, towards the cost, provided the Government would supply the balance of the cost of reconstruction by way of subsidy; the company to relieve the Government of any alleged liability, as well as responsibility, for the operation and maintenance of the dock. However, the progress made by the company in the reconstruction of the dock was not satisfactory; and, in view of the urgency of restoring the port of Halifax to its former status as a naval base and rendezvous during the war, and preparing it to meet the greatly increased needs of shipping after the war, it was necessary for the Government to take steps to possess itself of the dock.

At this time a new company, known as the Halifax Shipyards, Limited, was formed, with the object of taking up shipbuilding and repairing on a large and modern scale. This company acquired the property immediately adjoining the dry dock, which formerly belonged to the Acadia Sugar Refinery, and proceeded to lay down three shipbuilding berths, upon which steel ships of approximately ten thousand tons could be constructed. The first of these ships, the largest hitherto built in Canada, will be ready for commission in or about the month of September, 1920, although the time limit specified in the contract is the 17th January, 1921.

It was considered advisable, when the provision of additional tonnage was so urgent and important in the public interest, to lease the dry dock property to the Halifax Shipyards, Limited, to be operated by that company in connection with its new enterprise. This was authorized by Order in Council under date of June 10, 1918, and the property was leased to the Halifax Shipyards, Limited for a period of one year, at a rental of \$62,500 per annum; the lease to continue from year to year upon the same terms and conditions; the lessee binding itself to purchase the property for the sum of \$1,250,000 at any time during the currency of the lease, upon a thirty-days' notification in writing from the Minister of Public Works.



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## DREDGING.

The sum expended under this heading amounted to \$677,500.29, which is \$728,337.87 less than the outlay of the previous year.

The further reduced expenditure on account of dredging during the past fiscal year indicated the continued endeavour on the part of the department to reduce expenditures, on account of the war. This is also shown by the fact that there were thirty-eight units of departmental dredging plant not in commission.

Due to this fact, a number of departmental tugs were released and placed at the service of other departments, by which they were needed in connection with their work. The steamers *Helena*, *Canso*, and *Speedy* were in service with the Department of the Naval Service, and the *Lisgar* with the Customs Department. The tugs *Point Ellice* and *Point Grey* were used by the Imperial Munitions Board in connection with the production of aeroplane spruce.

Other plants, not required by other departments, were rented to private parties at a considerable gain to the Government.

The expenditure on the Departmental Dredging Plant has been kept at the lowest possible limit consistent with economic efficiency. No new plant has been acquired or constructed, and a dredge and tug of the department, which had outlived their usefulness, have been dismantled.

Works of dredging have been confined to only such places as there was absolute and urgent necessity for work to be carried on. The improvement in the main channel of the St. Lawrence river, in Lake St. Louis, has progressed to such a point that the channel is now in good condition. The harbours of Port Stanley and Port Burwell, Ont., were maintained in the interest of the large coal traffic at those points, which is a source of considerable revenue to the Government.

An area of land was reclaimed in the harbour of Sydney, N.S., to enable the construction of a seaplane and kite-balloon station for defence purposes.

The channel at Shippigan Gully, which is of great service to the large fishing fleets passing that point, was finally brought to a state of completion.

Dredging operations have continued at the mouth of the Fraser river, British Columbia, to maintain a channel for navigation at that point.

The work of dredging the harbour of Fort William, Ont., was about completed, and will be finished to the extent originally planned during the course of the ensuing year.

At Port Arthur, very satisfactory progress was made in the dredging adjacent to the Richardson and Grain Growers' elevators. This work will be completed during the next season.

Special reports to the number of fifty-eight were forwarded during the year to the Departments of Marine and the Naval Service, covering works of dredging performed during the season for changes in conditions at various ports, so that mariners might be kept acquainted by means of alterations of charts and notices to mariners with such work as had been accomplished.

In the further interest of efficiency, various Departments of the Government, which have knowledge of a special nature relating to problems presented to this Department, have been consulted to considerable advantage.



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Dredging operations were carried on at the following places, where an expenditure of \$10,000 or over was made:—

*Nova Scotia.*—North Sydney (Kelly's Beach), and Yarmouth.

*New Brunswick.*—Cape Tormentine and Shippigan Gully.

*Quebec.*—Lake St. Louis and River St. Maurice.

*Ontario.*—Fort William, Port Arthur, Port Burwell, and Port Stanley.

*British Columbia.*—Fraser River sandheads; Skeena River, Steveston and Woodward Slough.

#### PUBLIC BUILDINGS.

The sum expended on the construction, maintenance, and repair of public buildings throughout the Dominion was \$7,466,679.35, exclusive of military buildings, which shows an increase of \$1,623,390.63 over the outlay made during the last fiscal year. Of this amount, \$4,199,813.73 was expended on the construction and improvement of public buildings, and \$3,266,865.62 in repairs and maintenance.

The following buildings were completed during the year:—

*New Brunswick.*—St. John post office, mail entrance.

*Quebec.*—Three Rivers, public building.

*Ontario.*—Ottawa Experimental Farm, storage building.

The following buildings were still under contract at the close of the fiscal year:—

*Nova Scotia.*—Lawlor's Island, pump-house and water supply.

*Quebec.*—Grosse Isle, boiler-house, two barns, and ice-house.

*Ontario.*—Ottawa, Soldiers' Civil Re-Establishment Building, Vittoria street, Hunter Building, O'Connor street; and the Parliament Buildings.

The department had considerable difficulty last firing season with its coal supply. The public buildings in Ottawa, and four hundred and nine public buildings outside of Ottawa, had to be taken care of.

Tenders were invited by public advertisement, and by letter addressed to every known dealer in Canada. They were opened on the 6th July, 1918. No tenders were received for the supply for public buildings in Ottawa, nor for one hundred and seventy-four of the public buildings outside of Ottawa. In many cases, the dealers stated they feared to tender because of the uncertainty of obtaining coal; many declared they had little or no hope of obtaining any anthracite coal and, therefore, would not tender.

The War Purchasing Commission sent Mr. A. E. Howard to Washington and the anthracite coal districts of the United States to endeavour to arrange for the importation direct from the mines of a sufficient quantity of coal to supply the public buildings in Ontario and Quebec, for which no tenders had been received. Owing to the shortage of anthracite coal, only eighty per cent of the quantity required in Ontario could be obtained. The deduction of twenty per cent in many cases would have decreased the tonnage below minimum carload tonnage. Arrangements finally were made to import only eighty per cent of our anthracite requirements for the province of Ontario as a whole. This was distributed as follows: The smaller towns received the full quantity



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required. What remained of the eighty per cent allowed was sent to larger centres, and bituminous coal was used wherever possible to cover the deficit in anthracite. In this, the Department of Militia and Defence came to the rescue by using bituminous largely, thus freeing the available anthracite coal for use in public buildings.

In Quebec, the situation as regards anthracite coal was more acute than in Ontario, bad as it was in that province. The local fuel controllers flatly refused to allow any building more than seventy per cent of the anthracite usually consumed. This so decreased the tonnage that but few places could get a minimum carload. Finally, hope of securing any anthracite had to be abandoned, and bituminous coal was used instead. Its use gave much trouble and considerable dissatisfaction, but, fortunately, the winter was comparatively mild and nobody suffered seriously.

In the Maritime Provinces very little anthracite coal was supplied. In many cases local dealers could not supply coal of any sort, and arrangements were made with the Dominion Coal Company, Limited, to supply run-of-mine bituminous coal at \$5 per ton, f.o.b. cars at Springhill Junction, N.S.

In Manitoba, Saskatchewan, Alberta, and British Columbia, Canadian coal was used, except at two or three of the Experimental Farms and Forestry Stations, where it was insisted that anthracite was absolutely necessary. Persistent efforts resulted in obtaining a supply from local dealers.

The clearing of customs, payment of freight, unloading and cartage of coal imposed upon the caretakers work to which they were unaccustomed. Upon the whole, they performed their duties promptly and satisfactorily.

In towns where the quantity required was less than a minimum carload, the caretakers were instructed to keep after the local dealers for a supply, at prices not exceeding those paid by other consumers. In every case they secured a sufficient supply. In Ontario there were seventeen such towns; in Quebec, thirteen; in the Maritime Provinces, nine; in Manitoba, four; in Saskatchewan, two; in Alberta, four; and in British Columbia, six.

The price fixed for anthracite, imported by the War Purchasing Commission, ranged from \$4.80 to \$5.55 for egg coal, \$5.05 to \$5.80 for stove coal, and \$5.15 to \$5.90 for nut coal, per gross ton of 2,240 pounds, f.o.b. at the mines. Altogether, 20,039 tons of coal were imported by the War Purchasing Commission for this department.

## MILITARY HOSPITALS.

Prior to April 1, 1918, the construction and equipment of military hospitals was under the direction of the Military Hospitals Commission. As the building department had become a large and increasing one, it was decided to have it merged with the Chief Architect's Branch of the Public Works Department. This change was authorized by Order in Council (No. P.C. 433), and on April 1, 1918, the staff, plans, and documents were transferred to this department.

At that time, the Department of Militia and Defence furnished a schedule showing all projects under construction, with proposed and required additions to same, to be erected in various cities throughout the Dominion, providing for additional hospital accommodation of 8,501 beds, involving an additional expenditure of



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\$5,292,000. There was also transferred to this department by the Military Hospitals Commission the sum of \$1,723,380.14, making the total appropriation for military hospital works \$7,015,380.14.

## HOSPITALS UNDER DEPARTMENT OF MILITIA AND DEFENCE.

The following buildings were completed during the year:—

*Nova Scotia.*—Rockhead Infirmary, being an addition to the existing hospital.

*Prince Edward Island.*—Charlottetown, addition to old Government House and one new ward building.

*New Brunswick.*—Fredericton, alterations and additions to old Government House; St. John, alterations to armouries and Martello hotel.

*Ontario.*—Burlington, the Brant House was acquired and improved, and two buildings were erected; Toronto, St. Andrew's College building purchased and improved.

*Alberta.*—Edmonton, Alberta College converted; Strathcona, City Hospital enlarged; Wetaskiwin, alterations made to hotel.

*British Columbia.*—Esquimalt, Government buildings altered and improved; Qualicum and Resthaven, alterations made in Country Clubs; Vancouver, Shaughnessy, a large school and Fairmont Institution were altered.

The following buildings were still under contract at the close of the fiscal year:—

*Nova Scotia.*—Camphill Military Hospital.

*Quebec.*—Ste. Anne de Bellevue.

*Ontario.*—Toronto, Dominion Orthopædic Hospitals buildings raised two storeys and several new buildings erected; Kingston, Sydenham Hospital.

*Manitoba.*—Winnipeg, Tuxedo Park, eight buildings erected.

## HOSPITALS UNDER DEPARTMENT OF SOLDIERS' CIVIL RE-ESTABLISHMENT.

The following buildings were completed during the year:—

*Quebec.*—Lake Edward Sanatorium, two pavilions erected.

*Ontario.*—Freeport, near Kitchener, pavilion erected and sanatorium improved; Kingston, new pavilion to Mowat Sanatorium.

*Saskatchewan.*—Regina, Earl Grey Sanatorium, two buildings added to a school building which was remodelled.

*Alberta.*—Balfour, a pavilion erected and a hotel building improved; Frank Sanatorium, hotel altered.

The following buildings were still under contract at the close of the fiscal year:—

*Nova Scotia.*—Bellevue Hospital, Halifax, being improvements to an old home owned by the Provincial Government.

*Prince Edward Island.*—Dalton Sanatorium, North Wiltshire, loaned to Government.

*New Brunswick.*—Riverglade, Jordan Memorial Sanatorium, alterations made in 1918; St. John County Hospital, altered and enlarged.

*Ontario.*—London, Westminster Hospital buildings, five under contract.



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A number of other buildings, loaned to or leased by the Military Hospitals Commission, and improved or altered, were, on the 1st April, 1918, transferred to the control of the Department of Public Works:—

## MILITARY HOSPITALS UNDER THE DEPARTMENT OF MILITIA AND DEFENCE.

*Nova Scotia.*—Halifax, Pine Hill Hospital; Sydney, Moxham House; Sydney, Ross House.

*Ontario.*—Kingston, Elmhurst, rented and fitted up; Kingston, Queen's University, rented two buildings, remodelled them and built one; London, alterations made to Victoria General Hospital; Ottawa, Fleming Home, one building loaned, other rented, and vocational building erected; St. Catharines, Oakhill loaned and improved.

*Manitoba.*—Winnipeg, Deer Lodge, loaned and alterations made.

*Saskatchewan.*—Regina, Episcopal College loaned for convalescent hospital.

## MILITARY HOSPITALS UNDER THE DEPARTMENT OF SOLDIERS' CIVIL RE-ESTABLISHMENT.

*Quebec.*—Montreal, Loyola College and Grey Nuns buildings leased and altered; Ste. Agathe, Laurentide Inn, altered and two wings built (afterwards purchased by S.C.R.).

*Ontario.*—Cobourg, loaned by Ontario Government, building remodelled and six buildings erected; London, Byron Sanatorium (owned by Health Association), vocational building and pavilions erected; Newmarket, hospital owned by Society of Friends, remodelled.

## BARRACK BUILDINGS.

The following barracks were erected for the Department of Militia and Defence during the year:—

*Nova Scotia.*—Halifax, temporary barracks; and Halifax testing building.

*New Brunswick.*—St. John, barracks and garage.

*Quebec.*—Cove Fields barracks.

*Ontario.*—Kingston, temporary barracks; London, temporary barracks; Toronto, temporary barracks.

*Alberta.*—Calgary, detention cell building.

*British Columbia.*—Esquimalt, barracks.

The following buildings were erected for the Department of Naval Service during the year:—

*Nova Scotia.*—Naval Stations, Eastern Passage; Halifax County, naval stations, North Sydney.

*British Columbia.*—Esquimalt, naval college, detention building and central heating plant.



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## RECONSTRUCTION OF PARLIAMENT BUILDINGS, OTTAWA.

There has been steady progress made during the last year on the reconstruction of the Parliament Buildings. All the trades have kept apace of each other, with the exception of the interior stone and marble work, which has not advanced as rapidly as the other trades.

The four upper floors were completely plastered by the middle of May, and early in July, 1919, the setting of the wood trim was commenced on the fourth floor.

The Commons Chamber, committee rooms, and main corridors, with the exception of the main entrance hall, will be ready for occupation by February, 1920.

The power-house, at the foot of Cliff street, is practically completed, the boilers being fired for the first time on September 10, 1919. In addition to heating the Parliament Buildings, this plant will also supply heat to the following Government office blocks; Department of Soldiers' Civil Re-Establishment, on Vittoria street; the Supreme Court, East and West blocks, the Langevin block, and the city post office.

Regarding the Main Tower, the foundations have been constructed and the corner stone of the tower was laid by His Royal Highness the Prince of Wales on September 1, 1919. It is impossible to get enough skilled mechanics to proceed with the stone work on the tower and the interior stone work at the same time.

Since the laying of the corner stone of the building, on September 1, 1916, by His Royal Highness the Duke of Connaught, two winter seasons have intervened, when all outside work had to be closed down.

In view of the fact that the reconstruction of the Parliament Buildings is under the direction of a Joint Committee of Parliament, and no detailed report of the progress of the work during the year is included elsewhere in this volume, it is appropriate that some further particulars be given in this report.

At the time of closing down the masonry work for the winter of 1917-18, the exterior walls of the main building were completed to the main cornice, and the interior court walls up to the roof level, the copings only not being set. The four north towers, the front pavilion towers, the chimneys, and the pent-houses above the roof level were also incomplete.

Work was resumed on the masonry at the beginning of April, 1918, and, with the exception of the main tower, all the exterior masonry is now complete, the building having been cleaned down and pointed by the end of August, 1918.

The structural steel work, which, at the end of May, 1917, had been completed, except for minor sections of rooms, etc., is now fully completed.

The fireproofing of roof surfaces was continued during the spring and summer of 1918, and completed in August, 1918, and the laying of the composition and copper roof covering completed in November, 1918. The finials, crestings, etc., were completed in the spring of 1919.

Terra-cotta floor arching and floor fill, the laying of which commenced on September 25, 1917, were completed by September 18, 1918. The furring and partition work has been practically completed throughout all floors, with the exception of the ground floor, where about two-thirds of the work has been finished.



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The installation of the electrical work was commenced on January 17, 1918. Practically the whole of the conduit has been installed, panel boxes are completed, wires drawn, primary switchboard erected. The main switchboard has been received on the site, but is not yet installed.

Plastering was commenced on August 1, 1918. With the exception of the dining room and kitchen, the plastering is practically completed on the first, second, third, and fourth floors. The rooms at the eastern end of the main floor are not yet plastered, and certain portions of the ground floor are still to be completed. It is expected that the whole of this work will be done in about six weeks from date.

The flooring in the offices throughout the building, with the exception of the main floor and portions of the ground floor, has been laid. The laying of battleship linoleum on these floors was commenced on the fourth floor on the 1st of September, 1919.

Practically all the marble floors from the main floor up are completed. The ground floor corridors are still to be finished. The ashlar dadoes in the second- and third-floor corridors are still to be completed, the work being in progress at the present time on the office-block corridors of the third floor.

The marble in the lavatories, and for safes and backs of radiators, comes under a separate contract from the above. To date, the radiator safes and backs in the majority of rooms on the first, second, third, and fourth floors have been set. All lavatories are practically completed, except on the main and ground floors.

The setting of the interior stonework was begun in the West Division Lobby and Commons Entrance Hall on October 17, 1918. The stonework has been completed throughout the main floor, with the exception of the Main Entrance Hall and staircases, Senate Chamber, and Senate Hall. Work is now in progress in the Senate Chamber and Senate Entrance Hall, where it is expected all stonework will be set by November 30, 1919. The stonework in the corridors on the first floor is completed, with the exception of the Senate light well corridors. The stone arches, etc., in the upper corridors are all completed. In the Commons Chamber, stone setting was begun on January 22, 1919, and is now well advanced.

The contract for plumbing was awarded on September 20, 1917. Work has been carried on continuously since that time. All pipe installation has been completed, and a great number of the fixtures set. The setting of the remainder will follow close on the completion of the marble in the lavatories.

The contract for heating and ventilating work was awarded on March 25, 1918. The installation is practically complete. The radiators remaining to be set will be installed upon the receipt of the balance of the marble radiator safes and backs. The building is now being heated from the power-house. As it was impossible to obtain boilers for the power-house last year, owing to prohibition of the use of boiler plate for other than war work, a temporary boiler-house was erected on the site, and old boilers were made use of for a temporary hot-water system, which was attached to the permanent mains in the building. This temporary system was put in operation in December, 1918. The ventilating duct work is practically completed. All fans, air washers, etc., have been installed, and will be in use during the month of October.

All steel casements and metal-covered windows throughout the building have been installed and glazed, with the exception of those in the tower connection.



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The elevators in the office blocks are installed, except for the cabs, which have been delivered at the building.

The Central Heating Plant: Rock excavation for the power-house building on Cliff street was commenced January 8, 1918, and completed May 29, 1918. Concrete foundations and framing work were commenced on May 28 and completed October 30, 1918. Masonry work was commenced on August 7 and completed on October 21, 1918, with the exception of pent-houses and yard wells, which were built in May and June, 1919. The chimney stack was completed on November 2, 1918. The plumbing and electric conduit work are practically completed. The boilers were installed during the summer of 1919, and were fired for the first time on September 10, 1919. Excavation of the heating tunnel was commenced at the western end of Vittoria street on April 16, 1918. On October 9, 1918, the tunnel connecting the power-house to the Centre Block, and that connecting the Centre Block to the East Block, were completed.

Unsettled conditions of labour throughout the year had to be contended with, but generally a sufficient force was maintained. The daily average of the force employed by the general contractors was six hundred and two men.

During the year, there were held twenty-six meetings of the Advisory Board, and thirteen of the Joint Parliamentary Committee on the Reconstruction of the Parliament Buildings.

In addition to the contracts mentioned in last year's report, the P. Lyall and Sons Construction Company, Limited, as general contractors for this work, have, with the approval of the Joint Parliamentary Committee, entered into the following sub-contracts since the first of April, 1918:—

On April 9, 1918, authority was given to enter into a contract with Messrs. McFarlane and Douglas, Limited, Ottawa, for bronze-covered frames and sashes, at \$32,500.

On April 12, 1918, authority was given to enter into a contract with Messrs. Ahearn and Soper, Limited, Ottawa, for electric wire and cable, at \$21,500. This contract was completed July 31, 1918.

On April 12, 1918, authority was given to enter into a contract with the Peck Rolling Mills of Montreal, for reinforcing steel, at \$12,870. This contract was completed August 6, 1918.

On April 23, 1918, authority was given to enter into a contract with Messrs. Goldie and McCulloch, Limited, Galt, Ont., for four boilers and stokers for the central heating plant, at \$83,362.

On April 23, 1918, authority was given to enter into a contract with John R. Hoidge, of Toronto, for marble dado work, at \$85,781.54.

On May 1, 1918, authority was given to enter into a contract with Messrs. Ahearn and Soper, Limited, Ottawa, for switchboards, panel boards, and transformers, at \$39,414.

On May 1, 1918, authority was given to enter into a contract with Messrs. H. Dupuis and Son, of Hull, Que., for 2,000 cubic yards of sand, at \$1.50 per cubic yard. Total amount paid, \$4,321.15.

On May 1, 1918, authority was given to enter into a contract with the Rideau Canal Supply Company for 5,000 cubic yards of sand, at \$1.50 per cubic yard. Total amount paid, \$8,046.75.



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On May 1, 1918, authority was given to enter into a contract with the Canadian General Electric Company, Limited, Ottawa, for electric conduit and fittings, at \$5,152.50.

On May 6, 1918, authority was given to enter into a contract with the Canadian Construction Company, Limited, of Ottawa, for the rental of cement gun plant, at \$35 per working day. Total amount paid, \$4,427.50.

On May 14, 1918, authority was given to enter into a contract with the Trussed Concrete Steel Company, of Canada, for rolled steel casements, at \$80,000.

On July 5, 1918, authority was given to enter into a contract with Messrs. Bryson and Graham, Limited, of Ottawa, for battleship linoleum, at \$52,981.25.

On July 5, 1918, authority was given to enter into a contract with the Luxfer Prism Company, of Toronto, for exterior leaded glazing, at \$7,317.

On July 5, 1918, authority was given to enter into a contract with Messrs. Ahearn and Soper, Limited, of Ottawa, for lighting fixtures, at \$23,859.77.

On July 5, 1918, authority was given to enter into a contract with the Ottawa Fireproof Supply Company, of Ottawa, for 1,000 tons (more or less) of Hardwell plaster, at \$10.80 per ton. Total amount paid, \$12,389.19.

On July 5, 1918, authority was given to enter into a contract with the Aikenhead Hardware Company, of Toronto, for hardware, at \$45,145.40.

On July 5, 1918, authority was given to enter into a contract with the Consolidated Plate Glass Company, of Toronto, for plate glass, at \$15,360.

On July 5, 1918, authority was given to enter into a contract with the Custodis Canadian Chimney Company, of Montreal, for the chimney for the central heating plant, at \$8,400. Completed November 2, 1918.

On July 5, 1918, authority was given to enter into a contract with the Hull Wall Plaster Company, of Hull, Que., for 1,900 tons (more or less) of Nail-a-Crete flooring material, at \$19.61 per ton net. Total amount paid, \$17,248.17.

On July 26, 1918, authority was given to enter into a contract with the Canadian Wire and Iron Goods Company, Limited, of Hamilton, for iron stairs and ladders, at \$33,700.

On July 31, 1918, authority was given to enter into a contract with Messrs. Henry Morgan and Company, Montreal, for interior doors and trim, at \$85,712.72.

On July 31, 1918, authority was given to enter into a contract with Messrs. C. Wilson and Son, of Toronto, for auto-truck weighing scales for power-house, at \$549.

On August 1, 1918, authority was given to enter into a contract with the Campbell Steel and Iron Works, of Ottawa, for three water storage tanks for the pumping system, at \$9,400.

On August 14, 1918, authority was given to enter into a contract with the Canadian Agency and Supply Company, of Ottawa, for pipe supports in the heating tunnel, at \$6,045.35.

On August 14, 1918, authority was given to enter into a contract with the Canadian Link Belt Company, of Toronto, for coal and ash handling equipment, at \$20,037.

On August 14, 1918, authority was given to enter into a contract with the Mariotti Marble Company, of Montreal, for lavatory marble, at \$81,500.

On September 20, 1918, authority was given to enter into a contract with Messrs. Ahearn and Soper, Limited, of Ottawa, for switch boards, panel boards, etc., for the central heating plant, at \$4,785.

On August 1, 1918, authority was given to enter into a contract with Arthur S. Leitch, of Toronto, for two pumps and controls for house pumping system, at \$2,738.



On September 20, 1918, authority was given to enter into a contract with H. H. Symes Company, of Montreal, for mastic roofing for the central heating plant, at 38 cents per square foot. Approximate cost, \$4,350.

On October 1, 1918, authority was given to enter into a contract with W. J. McGuire, Limited, of Toronto, for plumbing pipes and fixtures for the central heating plant, at \$3,990.

On October 2, 1918, authority was given to enter into a contract with the Architectural Bronze and Iron Works, of Toronto, for elevator enclosure doors, at \$61,000.

On October 2, 1918, authority was given to enter into a contract with the Canadian Welding Works, Limited, of Montreal, for iron stairs and ladders for the central heating plant, at \$6,000.

On October 11, 1918, authority was given to enter into a contract with the Wallace Sandstone Quarries for marble flooring, flagging and borders, at \$217,797.65.

On January 18, 1919, authority was given to enter into a contract for register faces and grilles with the Tuttle and Bailey Company, at \$11,000.

On January 18, 1919, authority was given to enter into a contract with the N.Y. Continental Jewell Company, for water filters, at \$3,012.

On January 15, 1919, authority was given to enter into a contract with the Horwood Glass Company, of Ottawa, for polished glass, at \$642.

On January 16, 1919, authority was given to enter into a contract with the A. B. Ormsby Company, of Toronto, for steel sashes, doors and partitions, at \$3,688.

On January 18, 1919, authority was given to enter into a contract with the Standard Underground Cable Company, of Hamilton, for wire and cable, at \$6,403.83.

On March 6, 1919, authority was given to enter into a contract with the Canadian Cutler Company, of Montreal, for mail chutes, at \$4,730.

TELEGRAPHS.

During the year there have been added forty-six miles of new line in the province of British Columbia, as follows:—

Waneta-Pend d'Oreille.. . . .	14 miles.
Edgewood-Renata.. . . .	32 "
	<hr/>
	46 miles.
	<hr/>

There is now a total mileage of 12,093 $\frac{3}{4}$  miles, and the offices number 1,122. The messages sent during the year aggregated 507,027, as compared with 448,797 during the preceding fiscal year, or an increase of 58,230 messages.

The expenditure on maintenance was \$739,907.07, as against \$732,158.47 in the previous year, an increase of \$7,748.60.

The revenue shows an increase of \$26,454.22 over 1917-18.

The telephone, telegraph, and conjoint offices on the system are as follows:—

	1919.	1918.	
Telephones.. . . .	681	665	Inc. 16
Telegraph.. . . .	389	389	
Conjoint.. . . .	52	52	
	<hr/>	<hr/>	
	1,122	1,106	
	<hr/>	<hr/>	



## SESSIONAL PAPER No. 19

## NATIONAL GALLERY.

Since the destruction of the Parliament Buildings by fire, and the occupation of the Victoria Memorial Museum building by the Senate and House of Commons, the National Gallery of Canada has been placed at a disadvantage through its inability to exhibit works of art now owned by the Government. As explained in my report for 1918, the Trustees of the Gallery have concentrated their energies on the development of loan exhibitions to any gallery or body having proper facilities for exhibiting. Within the past year, works of art were sent out to the following places: Moose Jaw and Regina, Saskatchewan; Winnipeg, Manitoba; Port Arthur, Fort William, and Hamilton, Ontario; Sherbrooke, Quebec; and St. John, New Brunswick; while a special exhibit of thirty-four Canadian pictures was sent to St. Louis, Missouri; Muskegon, Michigan; Minneapolis, Minnesota; Chicago, Illinois; and Milwaukee, Wisconsin. A further collection of seventy-five pictures was sent to the Art Museum of Toronto, from January 7 to February 23, 1919. All these exhibitions were highly successful, and the continual increase in the applications for them is evidence of a growing desire for artistic knowledge. Several works have been acquired by gift, and twenty-eight drawings have been purchased.

On the completion of the reconstruction of the Parliament Buildings, the National Gallery will probably again occupy the space formerly allotted for that purpose in the Victoria Memorial Museum building, until such time as normal conditions return, when, undoubtedly, every effort will be made to advance interest in art as well as science and literature, which should keep pace with Canada's anticipated advancement in trade and commerce.

Appended to this report will be found detailed statements from the different branches, giving full particulars of the various works carried out by the department during the year.

I have the honour to be, sir,

Your obedient servant,

J. B. HUNTER,  
*Deputy Minister.*







## PUBLIC BUILDINGS.

By R. C. WRIGHT, Chief Architect.

### NOVA SCOTIA.

*Halifax—Lawlor's Island Quarantine Station.*—In August, 1918, a contract was entered into for the construction of an artesian well, a pump house, a pumping engine, a shelter building, and the necessary connections from pump to main water service pipe and to plumbing in building. These works are still in progress.

*Public Buildings Generally.*—The electric lighting of the Halifax custom house was largely renewed. At the following buildings the walls and ceilings were tinted and the woodwork painted, either wholly or in large parts; Inverness post office, Kentville, Liverpool, New Glasgow, North Sydney public buildings, and Pictou custom house, Springhill, Truro, Windsor, and Yarmouth public buildings.

Furniture and fittings were provided and minor additions, alterations, and renewals made at the foregoing, as well as at Pictou post office, Shelburne, Wolfville, and Westville public buildings.

Minor repairs were made throughout the following buildings: Arichat public building, Antigonish, Baddeck, Glace Bay, Halifax immigration shed, pier No. 2, Lunenburg, Parrsboro, and Sydney public buildings.

### NEW BRUNSWICK.

*Marysville Public Building.*—An arrangement was effected with the Canadian Cottons, Limited, to tap their water supply pipe and connect therefrom to the Dominion building water service, a distance of 325 feet. Previously the water supply depended on a spring some distance away.

*St. John Post Office.*—An extension 28 feet by 13 feet 6 inches and one story in height was made from the rear for the reception and delivery of mail. A number of partitions were erected in attic, to form offices.

*Public Buildings Generally.*—At the following buildings the walls and ceilings were painted or tinted and the woodwork painted: Chatham public building, Dalhousie, Fairville, Fredericton public buildings and custom house, Milltown, Marysville, Newcastle and Woodstock public buildings, and St. John savings bank.

At the foregoing, as also at Bathurst, Campbellton, Grand Falls, Hartland, Hampton, Hillsboro, Moncton, St. Stephen public buildings, St. John custom house, St. John old post office, St. John immigration buildings, Sussex post office, Tracadie Lazaretto, and Woodstock public building, repairs and renewals were made to masonry, brickwork, glazing and joinery, and furniture and fittings were provided.

### QUEBEC.

#### *Grosse Isle Quarantine.*

*New Boiler-house, Western Division.*—A contract was entered into October 28, 1918, for the construction of this building, which work is still in progress. It measures 52 feet in breadth by 53 in depth, situated adjoining the original boiler-house, and contains, in addition to the original three boilers, electric apparatus and waterworks pump, two new steam boilers of 100 horse-power each.



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*Middle Division.*—Two new barns were constructed, one of which measures 29 by 24 feet, provided with a hay loft, and the other 14 by 18 feet. An ice-house, 74 by 12 feet, was built for use of the superintendent.

*Eastern Division Hospital.*—One hundred and thirty feet of drain was laid 5 feet in depth through rock, with 6-inch pipe.

*Generally.*—Seven artesian wells of a total length of 250 feet were bored at different parts of the island and furnished with 850 feet of suction pipe and 8 pumps.

## HULL.

*Stewart Homestead, Mountain Avenue.*

The old stone farmhouse was altered and made suitable for offices for the veterinary staff of the Department of Agriculture. Two barns were altered and added to, to conform to the requirements of this staff. The office building had a water service from the Hull waterworks, as also entirely new drainage, plumbing, electric lighting, and hot-water heating.

## THREE RIVERS.

*Public Building.*

This building, which was described in the report of this office for 1914-15, is completed, fitted up, and occupied.

## QUEBEC.

*Post Office.*

This building, which was described in a report of this office of 1913-14, has been completed, fitted up, and occupied.

## ONTARIO.

*Ottawa.*

*Central Experimental Farm.*—A contract was entered into on the 19th November, 1918, for the erection of a root, seed, and implement storage building on site adjacent to the agricultural building. It is to be a two-story wooden building on a concrete basement measuring 64 feet by 25 feet on plan, and consists on the ground floor of an implement room and a canning room; on the first floor, one large drying room; in the basement are the root cellars, having a humidifying chamber below the floor; lighting will be by electricity.

*Soldiers' Civil Re-establishment Building.*—A contract was entered into in December, 1918, for the construction of this building, which is situated on corner of Bank and Vittoria streets, having frontage of 42 feet on Vittoria by 120 feet on Bank street and 110 feet on lane. The building is of wood, three stories, on a concrete basement. It is heated by steam and lighted by electricity.

*Hunter Building.*—On August 13, 1918, a general contract for the construction of this building on a site with frontages 198 feet on O'Connor, Queen, and Albert streets, was entered into, and the work is still in progress. That portion of the property on O'Connor and Queen streets, with frontages of 99 feet, was previously the property of the Government, and before proceeding with the construction of the Hunter building it was necessary to demolish the Marine museum, which was situated thereon. The building measures 198 by 150 feet, and has a central court 48 by 96 feet. The building consists of 9 stories and basement, is constructed with a steel frame, a concrete basement, a ground and first floor of Indiana limestone with brick backing, and the remaining stories brick facing with tile backing. The construction is fireproof throughout. A vacuum heating system, electric lighting, and elevators are installed. The building is designed for use as offices to accommodate the Public Works, Civil Service Commission, Marine and Naval Service. The basement contains boiler room, fuel room, machine room, storage, and a small number of offices. The basement portion of the central court is roofed in for use as storage. Plans and specifications supplied and work supervised by the Chief Architect's staff.



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*Fort William.*

*Public Building.*—In November, 1918, a contract was entered into for the construction of an elevator which has since been completed.

*Port Arthur.*

*Public Building.*—In November, 1918, a contract was entered into for the construction of an elevator which has since been completed.

*Generally.*

All the public buildings throughout the province had usual and ordinary repairs, while in a large number, items of expenditure were incurred for extensive renewals, heating, plumbing, sidewalks, drainage, etc.

## SASKATCHEWAN.

*Generally.*—At Regina the offices were fitted up in the old Royal Bank for the Assistant Receiver General, provided with a burglar alarm system. Cleaning, tinting, and painting of woodwork and plastering were effected at Battleford public building, Gravelbourg, Lloydminster, Melfort, Moosejaw, Regina, the Sutherland nursery station, and Humboldt public building. Electric elevators were installed at the Receiver General's office, Regina, and the public building Saskatoon. Storm porches were supplied to Battleford post office, Maple Creek public building and Yorkton.

## BRITISH COLUMBIA.

*Esquimalt.*

*Work Point Barracks.*—A contract was entered into on August 15, 1916, for the erection of a detention building for eighteen prisoners. It is of wood, on a concrete foundation. The building is heated by hot water, has hot and cold-water services and electric light.

Alterations of the eighteen married quarters brick huts, and five wooden married quarters huts, covering rearrangement of partitions and doors and the provisions of new heating, plumbing, painting, papering and tinting were effected.

*Cadets' College.*—A contract was entered into on September 3, 1918, for alterations of and additions to the drill hall and naval yard to provide dormitories, offices, kitchens, store-room, gun-room, officers' quarters, etc., complete for the educational building. On October 7, 1918, a contract was entered into for the erection of the boiler-house, chimney stack, and central heating plant, to serve cadets' dormitory and educational building. The storekeeper's residence was altered to provide a hospital for naval cadets.

*Vancouver.*

*Old Post Office building.*—To accommodate the platinum furnaces in the assay office, the ground floor was enlarged by extending the gas room 10 feet across the lane to adjoining building, and equipping the room with furniture and fittings.

*William Head.*

*Quarantine Station.*—Two minor-disease hospitals and one scarlet-fever hospital, with sewer and septic tank, were erected during the fiscal year. The sewer of disinfecting building was extended 40 feet, and the disinfecting building was refloored.



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*Generally.*—At Atlin public building the outside stairs were enclosed and outside ladders supplied. Cleaning, painting, and tinting were done at Cumberland and Nanaimo public buildings.

Minor usual and ordinary repairs and renewals were made to the following buildings: Ashcroft public building; Cloverdale immigration office; Chilliwack, Comox and Cranbrook public buildings; Douglas immigration building; Fernie, Field, Glacier, Grandforks, Greenwood, Ladysmith, North Vancouver, Port Alberni, Revelstoke and Sicamous public buildings; Summerland Experimental Farm; Union Bay and Vernon public buildings.

### MILITARY HOSPITALS.

Prior to April 1, 1918, the construction and equipment of military hospitals was under the direction of the Military Hospitals Commission. As the building department had become a large and increasing one, it was decided to have it merged with the Chief Architect's branch of the Public Works Department.

This change was authorized by Order in Council, No. P.C. 433, and on April 1, 1918, the staff, plans, and documents were transferred to this department.

At that time, the Department of Militia and Defence furnished a schedule showing all projects under construction, with proposed and required additions to same, to be erected in various cities throughout the Dominion, providing for additional hospital accommodation of 8,501 beds, involving an additional expenditure of \$5,292,000. There was also transferred to this department by the M.H.C. the sum of \$1,723,380.14, making the total appropriation for Military Hospital works, \$7,015,380.14.

A copy of this schedule follows:—



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PLANS PROPOSED AND APPROVED.

Military District.	Name of Hospital.	Under construction.		Contracts let.		Appropriation made.		Appropriation required.		Addition required.	
		Beds.	Expended up to Jan. 31, 1918.	Beds.	Cost.	Beds.	Cost.	Beds.	Cost.	Beds.	Cost.
1	New Military, London.....	.....	\$ 8,257 44	.....	.....	300	\$343,400 00	300	\$240,000 00	400	\$ 180,000 00
2	National Cash Registry.....	.....	25,000 00	1,000	.....	.....	680,000 00	.....	.....	.....	.....
3	High Park.....	.....	.....	.....	.....	.....	.....	995	796,000 00	.....	.....
	Long Branch Convalescent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Ongwanada.....	.....	.....	.....	.....	.....	.....	.....	.....	1,378	620,000 00
	St. Luke's, Ottawa.....	.....	.....	.....	.....	.....	.....	.....	.....	450	360,000 00
	Convalescent, Ottawa.....	.....	.....	.....	.....	.....	.....	.....	.....	72	32,400 00
4	Ste. Anne de Bellevue.....	600	134,199 60	.....	.....	.....	566,100 00	300	240,000 00	260	119,700 00
5	Savara Park.....	300	88,433 61	.....	.....	.....	205,000 00	.....	.....	1,100	628,000 00
6	Camp Hill.....	200	.....	.....	.....	.....	131,000 00	.....	.....	186	171,000 00
	Charlottetown.....	.....	.....	.....	.....	.....	.....	.....	.....	279	185,750 00
7	Moxham, Convalescent, Sydney.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
10	Fredericton Military.....	450	75,209 49	.....	.....	.....	198,000 00	.....	.....	100	45,000 00
11	Manitoba Military.....	.....	.....	.....	.....	300	500,500 00	300	240,000 00	op'g.	5,000 00
Sh.	Esquimalt Convalescent.....	222	45,000 00	.....	.....	.....	.....	340	224,750 00	1,232	662,500 00
12	Shaughnessy.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Moosejaw Convalescent.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	Regina Military (New).....	.....	.....	.....	.....	.....	.....	.....	.....	150	75,000 00
13	Sarcee Camp (Calgary).....	.....	.....	.....	.....	300	295,600 00	300	192,000 00	359	274,950 00
		1,772	\$376,100 14	1,000	.....	900	\$2,919,600 00	2,535	\$1,932,750 00	5,966	\$3,359,400 00

SUMMARY.

Additional beds to be provided for which there is no appropriation.—8,501 at an estimated cost of \$5,292,150.  
The I.S.C. have approved plans and recommended further appropriations as follows:—  
M.D. No. 2.. .. \$ 54,000 For High Park in plans for 1,040 beds.  
M.D. No. 6.. .. 134,000 Administration building.  
M.D. No. 7.. .. 5,000 Alterations to building to be used as nurses' residence.  
M.D. No. 11.. .. 151,350 Principally for vocational buildings.  
M.D. No. 13.. .. 64,000 Service and vocational buildings at Edmonton.  
194,000 Subsidiary buildings at Calgary.

OTTAWA, April 1, 1919.



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The work was carried on according to the above programme up to the date of the signing of the armistice, after which there were many retrenchments, certain projects being altogether abandoned.

Following is a brief summary of the work, classified according to provinces.

## NOVA SCOTIA.

*Camphill Military Hospital, Halifax.*—This hospital is erected on a site owned partly by the city of Halifax and partly by the Federal Government.

Prior to April 1, 1918, the M.H.C. had erected a 300-bed hospital, and additional 300-bed wards were in process of erection, which the Department of Militia and Defence decided to increase by a further 400 beds at an estimated cost of \$300,000. Plans were drawn and contracts let amounting to \$551,586, covering the necessary wards, also administration and staff accommodation.

In December, 1918, this accommodation was cut down to the original size, and only administration and staff accommodation erected at the contract price of \$289,608.92. This work is now almost completed.

*Rockhead Infirmary Hospital, Halifax.*—An existing hospital centre has been increased by the erection of a three-story building at a cost of \$63,202.60.

This is now ready for occupancy, and will become a permanent addition to this centre.

*Bellevue Military Hospital, Halifax.*—An old Government building was remodelled for hospital purposes, under instructions from the Department of Soldiers' Civil Re-Establishment. It provides accommodation for 75 patients and all branches of hospital work, at an approximate cost of \$120,000. Work is now proceeding.

Considerable work was also done in connection with pier No. 2 discharge depot, and Pine Hill military hospital, Halifax, and also Moxham and Ross house, Sydney, C.B., at an approximate expenditure of \$12,500.

## PRINCE EDWARD ISLAND.

*Charlottetown.*—The work here was commenced by the M.H.C. and completed by this department. It consisted of the remodelling of old Government House and the erection of wards with accommodation for 200 beds and for medical and surgical departments, the erection of a new recreation building, the remodelling of other existing buildings for vocational purposes, and also providing for new sewer, water, and electric light service. Total cost \$300,000.

*Dalton Sanitarium, North Wiltshire.*—Alterations and additions to an existing sanitarium were undertaken by the M.H.C. and continued by this department, being now practically complete. The work included a central power and heating plant and water system, a new vocational building and alterations to M.O's residence and administration building. Total expenditure, \$265,000.

## NEW BRUNSWICK.

*Fredericton.*—Here, the old Government House was renovated and enlarged, and two new wards and service building erected, providing about 400 beds and accommodation for all departments. A new recreation hall was also erected, and certain old buildings remodelled for vocational purposes. Work started by the M.H.C. and completed by this department with expenditure of \$232,000.



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*St. John's County Hospital, St. John, N.B.*—The work here comprised additions and alterations to the existing hospital, and the erection of new buildings for nurses and medical officer. The additional accommodation was 68 beds, and the approximate total cost \$130,000.

*Jordan Memorial Sanatorium, Riverglade.*—Also consisting of extensive alterations and additions to existing premises, including alterations to the central heating plant and the water service. Work still in progress with an ultimate approximate cost of \$70,000.

Other minor works continued and completed were repairs to armouries, and the Martello hotel at St. John, with outlay about \$4,000.

## QUEBEC.

*Lake Edward Sanatorium.*—This property is a tuberculosis sanatorium, and was originally loaned to the M.H.C., who started work on two new pavilions.

These were completed by this department, also alterations to the administration building and a medical officer's residence. Expenditure by this department approximately \$14,000.

*Ste. Anne de Bellevue Military Hospital.*—This is now the largest and most complete military hospital centre in the Dominion, comprising seven ward buildings with a total accommodation of 1,000 beds, administration building, a central heating and power plant, and a completely equipped steam laundry, also recreation, vocational and physiotherapy buildings, and quarters for nurses, orderlies, M.O's, and officers.

Prior to April 1, the M.H.C. had under way the administration and four ward buildings, and had expended approximately \$240,000.

This centre is now practically completed, including fencing, grading, roadway, etc., and represents an outlay of about \$1,500,000.

*Cove Fields.*—Complete plans and specifications were prepared and tenders taken for the converting of one unit of Cove Fields barracks, Quebec, into a 250-bed hospital at an approximate cost of \$100,000. This work was not proceeded with.

## ONTARIO.

*Mowat Sanatorium, Kingston.*—The existing sanatorium was loaned to the M.H.C., who commenced alterations and additions to same, which were completed by this department.

The work comprised the building of three new pavilions, each providing 32 beds, and a vocational building, together with alterations to the administration building and the power house including a central heating plant. Expenditure by this department, approximately \$45,000.

*Sydenham Military Hospital, Kingston.*—A new isolation hospital was erected by this department at a cost of \$40,000. In addition to this, alterations were made to a group of stone buildings converting them into an up-to-date hospital centre having accommodation for 200 beds, together with space for administration, nurses' quarters, orderlies' quarters, M.O's, etc. This group is now almost completed and will represent with fencing, grading, sewage disposal, etc., an outlay of approximately \$250,000.

At Kingston, a number of small amounts, totalling \$3,000 were expended on Elmhurst, Queen's University, Richardson house, and a nurses' home.



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*Dominion Orthopaedic Hospital.*—This was the factory and offices of the National Cash Register Company, which was acquired by the M.H.C. Large additions were made and two stories added to the main building, providing a total accommodation of 950 beds. The new buildings included a power house, kitchen, laundry, recreation building, and limb factory, also quarters for nurses, orderlies, M.O's, and officers. All buildings are occupied and only some minor work remains to be done on grounds, etc. The total expenditure will be approximately, \$1,500,000.

*St. Andrews.*—The site and buildings of St. Andrew's college were purchased by the Dominion Government, and the existing college building converted into a convalescent home, with accommodation for 100 beds, the alterations costing upwards of \$40,000.

The new work here provided for the erection of nineteen buildings, with accommodation for 1,500 beds. Plans were drawn and contracts let totalling approximately \$1,250,000. With the signing of the armistice all contracts were cancelled and all work abandoned.

*Burlington.*—A large hotel known as Brant house was acquired by the M.H.C., and alterations made totalling \$205,175.07. This department also spent on improvements to the plumbing and heating, and the installing of fire escapes, approximately \$18,000. In addition, a new active-treatment ward and a gymnasium building were erected at a cost of approximately \$90,000. All buildings are now occupied, and accommodate 600 beds.

*Freeport Sanatorium, Kitchener.*—This property was loaned by the Sanatorium Board to the Department of Soldiers' Civil Re-Establishment, who arranged for the erection of a new 30-bed pavilion. This was erected and improvements made to electric, sewer and water services, grounds, etc., at an outlay of \$35,000.

*Westminster Military Hospital, London.*—A farm adjacent to the city was presented by the city to the M.H.C. as a hospital site, and some work was done on the grounds. This department has prepared plans for, and has practically completed, the following buildings, viz.: Service, administration, power house, laundry, and six ward buildings, providing 550 beds. Also contracts have just been let for a garage and mortuary building, a T. B. pavilion, isolation building, and a recreation building. The total estimated cost of this centre is \$1,250,000.

*Newmarket.*—Pickering college building was loaned by the owners to the M.H.C., who made necessary alterations to make it suitable for hospital purposes. This department completed the work with an expenditure of practically \$13,000.

*Central Ontario Sanatorium.*—A site for this institution has been secured at Woodbridge, and plans are being prepared for five buildings with accommodation for 125 beds at an estimated cost of \$350,000.

#### MANITOBA.

*Tuxedo Park Military Hospital, Winnipeg.*—The site and original buildings at this centre were purchased by the Dominion Government after building operations had been started by the M.H.C. The work undertaken by this department, and now almost completed, comprises the following buildings, viz.: Four ward buildings, with accommodation of 1,500 beds; also quarters for medical officers, nurses, and orderlies; a recreation building, a power-house with central heating plant, and a laundry building and guard-house. The ultimate total cost will be about \$1,817,036.44.



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## SASKATCHEWAN.

*Regina.*—At this point two buildings, the Episcopal college and Western stores were loaned by the owners to be fitted up and used as convalescent homes. Approximately \$15,000 were spent.

*The Earl Grey Sanatorium.*—This was a school building remodelled and two buildings added. This department spent upwards of \$4,000 completing same.

*The Sherwood Building.*—A large departmental store was acquired, and plans and specifications prepared for the converting of it into a complete 400-bed hospital at a probable cost of \$150,000. This work was not proceeded with.

## ALBERTA.

*Edmonton.*—Alberta college was rented and converted at a cost of approximately \$30,000, half of which was expended by this department.

*Strathcona Military Hospital.*—Was a city hospital, rented by the M.H.C. from the city of Edmonton, and \$38,000 spent on improvements, mostly by this department.

*Calgary.*—Plans and specifications were prepared for a hospital of 1,000 beds, and contracts let for the first group of buildings at approximately \$300,000. This work was all abandoned, only a few thousand dollars being spent.

*At Wetaskiwin.*—About \$350 was spent in completing alterations to a hotel, which was being converted into a convalescent hospital by the M.H.C.

*At Balfour.*—A hotel was rented from the C.P.R. by the M.H.C. and converted into a sanatorium, with the addition of a new pavilion. This department expended \$10,355.

*Frank Sanatorium.*—This was a hotel rented by the M.H.C. This department spent about \$1,900 completing the alterations.

## BRITISH COLUMBIA.

*Vancouver City.*—The expenditure here amounting to about \$9,000 was for certain works on the general hospital.

Shaughnessy school building and Fairmont institution were acquired, and extensive alterations and additions proposed. Tenders were submitted amounting to \$75,000, but the work was not proceeded with. Approximately \$14,000 was spent. The existing premises provided 150 beds and the proposed additions would have given an additional 400 beds.

## VANCOUVER ISLAND.

*Esquimalt.*—A group of buildings owned by the Dominion Government was taken over and additions planned to provide accommodation for 250 beds, besides buildings for administration, gymnasium, service building, etc. Contracts amounting to about \$126,000 were let and afterwards cancelled. The work carried out cost approximately \$25,000.

*Qualicum and Resthaven.*—The work here consisted of alterations and additions to what was originally club houses. This department spent approximately \$1,400.



## HARBOUR WORKS.

By E. D. LAFLEUR, Chief Engineer.

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### NOVA SCOTIA.

#### ABBOTS HARBOUR.

##### *Dredging.*

Abbots Harbour is a small harbour lying between Abbots island, some two miles from West Pubnico, and thirty-two miles from Yarmouth. There are entrance channels on each end of the island, the southerly channel being more frequently used.

A shoal extended out from the shore on the southerly side of Mr. D'Entrement's wharf, making a sharp turn in the channel, and it was claimed that vessels and fishing boats leaving this wharf were frequently carried on the shoal by ebb tide and westerly winds; a portion of the shoal was dry at low water.

In order to improve navigation at this point, 7,619 cubic yards, barge measurement, of sand, mud, gravel, and stones were removed by the departmental dredge No. 7 between December 16, 1918, and January 28, 1919, over an area of approximately 35,000 square feet.

The main portion of the work was dredged to 8 feet below low water, but a small area in front of Mr. D'Entrement's wharf, dredging to a depth of 12 feet was permitted to provide the dredge with space when unable on account of the tide to dredge on the main area.

#### CHIMNEY CORNER.

Chimney Corner, Inverness county, is a small bay situated on the western shore of Cape Breton island, on the gulf of St. Lawrence, about five miles south from the entrance to Margaree harbour.

It is resorted to by fishermen and in order to form a small boat harbour, and at the same time to provide facilities for the exportation of coal from two small coal mines in the neighbourhood, on August 28, 1918, a contract was entered into for the construction of a wharf, in the sum of \$5,700.

The proposed work is to be 170 feet in length and 20 feet in width on top, extending into 10 feet at low water, and will consist of a stone approach 75 feet in length and of a cribwork extension 96 feet in length.

The work was commenced in October, but owing to stormy weather, it was found advisable to suspend operations until spring.

#### FOURCHU.

Fourchu harbour, Richmond county, is situated on the southern or Atlantic coast of Cape Breton island, about 30 miles to the southward of Louisburg harbour. The harbour is an inlet of the sea, extending inland for a distance of over a mile.



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A contract for widening the channel inside to a depth of 10 feet at low water to enable vessels and steamers to turn in front of the government wharf was entered into with the Atlantic Dredging Company during the fiscal year. The contract involved the removal of 9,000 cubic yards, scow measure, of sand and clay at the rate of 60 cents per cubic yard.

Operations were commenced October 12, 1918, and work was completed on November 13 following. The final examination showed that the *in situ* quantity removed was 7,598 yards, and as the scow measure quantity was 9,046 cubic yards, the expansion factor was 19 per cent.

## HALIFAX.

H. M. Gun wharf was reconstructed during the year 1918-19, by the Department of Public Works at an expenditure of \$4,603.10. This structure belongs to the Department of Militia and Defence.

The work consisted of tearing down the old pile wharf and rebuilding same. The part rebuilt was 82 feet long along the face, 31 feet wide, with a shoreward ell 22 feet wide by 38 feet long. Repairs were also made to the retaining wall on the inside of the wharf, making this sufficiently strong for teams to pass from the approach on to the wharf.

## LOWER KINGSBURG.

Lower Kingsburg is situated in Lunenburg bay, about 10 miles southeast of Lunenburg town. The chief industry is fishing, there being fifteen boats employed, and the value of the catch averaging \$7,500 per annum.

During the fiscal year 1918-19, contract was let to Mr. Donald Sutherland, jr., of Halifax, for the construction of breakwater, skidway, and boat shed at this place. Up to the 31st of March, the boat shed had been completed, and most of the materials were on the ground in readiness. The contract will be completed by June 30.

## MARGAREE BREAKWATER.

On June 7, 1918, a contract was entered into with Mr. Maurice A. Condon, of Digby, N.S., in the sum of \$12,690 for the construction of a breakwater 580 feet in length, consisting of native-timber cribwork, 10 feet wide for a distance of 300 feet from the inner end, 15 feet wide for a further distance of 250 feet, and of a block 30 feet long and 30 feet wide at its outer end, fully ballasted and fendered, and all outer faces closesheathed between the fenders with the sheathing driven 2 feet into the bottom.

The work of construction was commenced on July 8 and fully completed on November 28, 1918.

## NORTH SYDNEY.

*Sea-plane Station.*

North Sydney, Cape Breton county, is an incorporated town and seaport on the northern side of Sydney harbour, and is one of the eastern terminals of the Canadian Government railways.

For the purpose of establishing a sea-plane station, the department undertook the filling in of a lagoon inside of Kelly's beach, so called, on the western end of the town, to make up the necessary ground, and the department dredge No. 5 was detailed for the purpose.



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The space to be filled had an area of about 11 acres, and the intention to fill it to a height of 2 feet above high-water spring tides, with sand and gravel taken from the sea outside, and it was estimated that the amount of material required would be 65,000 cubic yards, and as a quantity of 20,000 cubic yards of sand and gravel was estimated to be required for building and for road purposes in connection with the air station, the total quantity required for all purposes was estimated at 85,000 cubic yards.

Dredge *No. 5* commenced operations September 28 and continued until December 4, when the work was suspended for the season. During that period, a total of 82,200 yards had been deposited in the area, but the cross sections taken after the suspension of operations show that the total quantity, after settlement, was 42,700 yards; besides this, the contractors had hauled away and used in building roads and mixing concrete for buildings, etc., about 1,800 cubic yards, which would bring the total deposit to 44,500 cubic yards.

Over about 140,000 square feet of this area the original bottom was composed of a soft, alluvial deposit which could be penetrated by a 2- by 4-inch stick to a depth of 6 to 10 feet, with a pressure of about 10 pounds to the square inch, therefore the gravel was deposited by the dredge and would settle considerably, probably as much as 5 or 6 feet in the softest places; again, a small quantity of material was carried away while in suspension through the outlet of the lagoon into the sea where it formed a bar, so that all things considered the disparity between the *in situ* measurement deposited and the quantity removed cannot be said to be conflicting, as it is impossible to determine how much the deposited material has settled.

The season during which operations were carried on was very stormy, and this was the principal cause of delay in the prosecution of the work. During the progress of the work, the average daily output was about 1,100 cubic yards, and as this dredge, under favourable circumstances, can easily dredge twice that quantity, the work would have been completed during the season if the weather had been favourable. The amount required to complete the work is estimated at 22,000 cubic yards, without making any allowance for settlement, but as it is not likely that much settlement will take place in the area to be filled, as the bottom is harder, an addition of 30 per cent for settlement will likely cover this, so that the total quantity required to the height proposed may be estimated at 28,600 cubic yards.

## NEW BRUNSWICK.

### CAPE TORMENTINE DREDGING.

To furnish accommodation for the car ferry steamer *Prince Edward Island*, now maintaining daily communication, winter and summer, between Prince Edward Island and the mainland, a harbour and terminal was constructed at Port Borden, Prince Edward Island, and the Dominion Public Works pier at Cape Tormentine, N.B., taken over by the Railway Department in 1913, reconstructed, provided with car-ferry dock and protected by isolated stone breakwater. The approach and turning basin at Tormentine was formed by dredging to 20 feet at low water spring tides.

For enlargement of the Tormentine turning basin, at the request of the management of the Canadian Government Railways, authority was granted for dredge *D.P. W. No. 9*, to undertake the removal of some 20,000 cubic yards, scow measurement, of mud, brick clay, and rock. Operations were commenced on July 15, 1918, and carried on continuously until October 26, when satisfactorily completed, 23,747 cubic yards of material being removed. The portion enlarged had an area of about 104,000 square feet, being triangular in shape, extending 250 feet in a westerly direction measured at right angles from the outer end of west side of shorter guide pier of dock; thence



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running southerly a distance of 800 feet, these two lines now forming the northern and western limits, respectively, of the basin; the whole area between the western limit and the main pier now carries a least depth of 20 feet at low water spring tides.

## CHATHAM.

*Dredging.*

Chatham is situated on the south side of the Miramichi river about 14 miles above its mouth in Miramichi bay. Dredge *P.W.D. No. 13* was employed on 10th, 11th, and part of 12th June, 1918, in digging a pocket in the lower end of the Snowball boom near the upper end of the Canada dock. About 2,200 cubic yards, barge measure, were removed, and the pocket or basin which was intended for storing shell mud, used as a fertilizer, was about 200 feet long, 40 feet wide at bottom and 100 feet at top and 17 feet deep at low water, the original depth varying from 3 to 10 feet.

On 13th to 15th June, the dredge worked on the shell mud beds about 8 miles below Chatham, digging 1,516 cubic yards of mud, of which 1,480 were dumped in the pocket at Chatham, and 36 taken to Nelson by private parties with their own tugs and scows.

During March, 1919, farmers were supplied with 470 cubic yards of mud from the pocket, and the balance will be supplied from the ice in the autumn.

## HARDWICKE (MCLEANS GULLY).

McLeans gully is the main passage between the French Bay lagoon, at the southeastern end of the inner Miramichi bay and the outer or Miramichi bay proper.

On 6th February, 1918, a contract was entered into with Mr. F. A. Fowlie for the removal of 12,000 cubic yards, barge measure, in dredging a cut 950 feet long and 75 feet wide to 5 feet at low water spring tides across the shoal inside the entrance. The contract price was 36 cents per cubic yard, and work was done by the dredge *Fowlie* between 24th June and 11th October, when a total of 8,884.6 cubic yards of mud and sand were removed.

## LOGGIEVILLE.

Loggieville is situated on the south shore of the Miramichi river, 5 miles below Chatham.

Between 17th and 22nd June, dredge *P.W.D. No. 13* dredged berths along the outer face and easterly side of the public wharf, removing 5,506.4 cubic yards, of which 480 yards were overcast and the remainder removed in scows.

The dredging extended over a length of about 260 feet on the outer face, giving a depth of about 10½ to 12 feet at low water. On the easterly side the dredging was about 100 feet long by 90 wide, and the depth given about 6 to 7 feet at low water. The assumed range of spring tides is 6 feet.

On 24th June, the dredge removed 820 cubic yards in excavating a berth about 175 feet long and 50 wide to 8 to 9 feet at low water at the upper end of the A. and R. Loggie wharf, which lies immediately above the public wharf.

## NORTHWEST MIRAMICHI RIVER.

Shoals occur on the 5 miles below Redbank, which is at the head of navigation and 11 to 16 miles above Newcastle.

Dredging was in progress between August 26 and September 30, 1918, under contract with Peter England, with the dredge *Peter England*, on the shoal at Lawlors



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Shore, 2 miles below Redbank, where two cuts were made over the worst sections, at either end of the shoal, the upper being about 700 and the lower about 350 feet long; the distance between them being about 600 feet. The width of the cuts is about 100 feet and depth reached  $4\frac{1}{2}$  to  $5\frac{1}{2}$  feet, and a total of 5,499.4 cubic yards, barge measure, of sand was removed at 44 cents per cubic yard.

Assumed range of spring tides, 7 feet; neaps, 4 feet.

Between June 25 and 29, the sum of \$46.25 was expended in dragging the channel throughout the upper 5 miles, and locating and removing twenty-three sunken logs, 6 to 15 inches in diameter and 10 to 26 feet long; a couple of branches, 12 and 30 feet long, and a section of an old boom block containing 10 logs bolted together, all of which were a menace to navigation.

ROBICHAUDS (SHIPPIGAN ISLAND).

Robichauds, so-called, is a small settlement immediately opposite and about 4,000 feet from the Shippigan public wharf. On account of mud flats there is considerable difficulty in landing on the island shore; passengers can be carried across the flats, but teams and autos must wait for high tide, therefore it is proposed to dredge a channel across the flats and build a small landing wharf, with the pierhead at the end of this channel.

Dredge *P.W.D. No. 13* began this dredging on October 18 and 19, and dredged directly into scows 648 cubic yards and overcast 1,500 yards in making a cut 150 feet long, 45 wide, and  $7\frac{1}{2}$  to  $8\frac{1}{2}$  feet deep, where the original depth was  $11\frac{1}{2}$  feet at low water ordinary spring tides.

The assumed range of spring tides is 5.8 feet.

The estimated quantity to be removed is 20,000 cubic yards, barge measure.

ST. JOHN HARBOUR.

*Bracing Nos. 6 and 7 Sheds.*

Bracing frame pile bents in the substructure of sheds No. 6 extension and No. 7, having to be done during low water, slow progress was consequently made, and up to the end of the fiscal year 1917-18, a total of \$4,747.34 had been expended. During the current year, this work has been completed, the expenditure being \$2,455.47.

The portion paid to the city by the department for repairing trestle adjoining No. 5 shed, amounted to \$2,908.70.

Expenditure during 1918-19...	\$2,455.47
City of St. John...	2,908.70
	<hr/>
	\$5,364.17

*Repairs to No. 7 Wharf.*

On August 28, a contract was let to Messrs. Kane & Ring for repairs to and placing additional ballast at the outer end of No. 7 wharf. This work was found necessary as during extreme high tides there was movement in the end cribs, on account of not being sufficiently braced or ballasted. The work has been satisfactorily completed, and final estimate issued, the total expenditure being \$9,782.63.

*Partridge Island.*

The wharves at Partridge island, which have been in continuous service for about forty years, received very little maintenance during the previous four years. They have been in continuous use during the war period, in connection with the



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military authorities stationed on the island. Authority was given in April, 1918, to make repairs. Work was immediately commenced and all defective stringers and cross ties renewed, and the faces of both wharves re-fendered. The work is now in good repair, and should so remain for a few years. The total expenditure was \$2,996.62.

*Water Supply.*

The water supply at Partridge island serves the Militia buildings, in addition to the various buildings used by the Marine Department and the Immigration authorities. The service has been in use for a period of years, and on account of various improvements made during the past few years, the system was extended about 150 feet, two hydrants were renewed, and other repairs made to the system. Total expenditure \$777.54.

*Fort Dufferin.*

During the fiscal year 1917-18, a portion of the breastworks, about 110 feet long, was reconstructed and repairs made to small breaks caused by previous storms. There still remained two portions to be rebuilt, in addition to repairs to the existing breastworks adjoining these breaks. Early in the year, plans and specifications were prepared for the completion of this work, but it was later decided not to proceed with the whole work, but to do the portion of repairs more urgently required by day labour. Early in October, arrangements were made to commence work, which was proceeded with continuously during the winter; 455 feet of the breastwork was repaired, and 135 feet rebuilt, leaving 161 feet to be built during 1919-20. Expenditure to the end of the fiscal year was \$15,549.26.

*Courtenay Bay.*

On July 11, 1918, a contract was let for the extension of Courtenay Bay breakwater, necessary dredging, etc., in connection with the scheme. Early in August, the contractors commenced preliminary work, getting necessary plant in shape, and in October work was commenced and proceeded continuously during the year. Fortunately for the contractors, there were no delays through storms or severe weather. The rock for the breakwater is being deposited by cars from a single-track trestle, built in advance of the work. To date, the breakwater has been extended 600 feet, and 88,523 cubic yards of rock have been deposited. Total expenditure \$222,099.03.

*Borings and Soundings.*

On account of the revised Courtenay Bay channel entrance and the indefinite information regarding the submarine rock in the dry dock entrance, it was decided to make a thorough examination of the material to be removed. A boring outfit commenced work early in August, and worked continuously throughout the winter. Sufficient information has been obtained to make a very close estimate of the submarine rock to be removed, and the outfit is now at work taking borings in the channel entrance. The expenditure was \$7,552.49.

*General Maintenance.*

General repairs were made to all the different government wharves and buildings in the harbour, particularly floating fenders, vertical fenders on the wharves, platform renewals and repairs to leaking shed roofs. The expenditure to date has been \$27,049.26.



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## SHIPPIGAN GULLY.

*Dredging.*

Shippigan gully, the southeastern entrance to Shippigan harbour between Shippigan island and the mainland, at the northeastern point of Gloucester county, is used by the fishing fleet and tugs, trading schooners, etc.

Two sharp bends in the channel inside the gully have made navigation difficult, and at different times dredging has been undertaken to give a straight course from the gully inwards towards Shippigan harbour.

During 1917, after an interval of four years, work was begun by dredge *P.W.D. No. 13* to remove the lower point and widen the cut across the upper point and extend it through a shoal formed since the last dredging was done. The work at both points was completed in 1918, between July 10 and October 18, which period includes 12½ days at different times when the dredge worked at the Shippigan public wharf.

At the lower point, an area 700 feet long and 200 wide was dredged to from 9 to 11 feet at low water. At the upper point or shoal, a cut 800 to 1,000 feet long and 200 wide was dredged to 8 to 9 feet at low water. Material removed was 18,557 cubic yards barge measure at the lower, and 34,262 yards at the upper point of gravel, sand, and mud.

Spring tides rise 5.8 feet, neaps 3 feet.

## SHIPPIGAN HARBOUR.

*Dredging.*

On eighteen days between July 5 and October 24, 1918, dredge *P.W.D. No. 13* worked in the berths at the public wharf and in the basin between it and the W. S. Loggie Co. wharf, in continuation of the work done during the previous season.

On the westerly side of the wharf, a cut or berth 90 feet wide was continued from the pierhead 200 feet inwards to the easterly side of the Comeau Bros. fish shed, the depth given being about 8 to 10 feet at low water ordinary spring tides.

On the southeasterly side, a ridge left in the previous year close to the wharf was removed on a length of about 300 feet, and the basin was widened at the entrance next the W. S. Loggie Co. wharf in an area about 100 feet square where the depth given was about 8 to 11 feet at low water. Spring tides rise 5.8 feet, and neaps 3 feet.

The quantity removed in scows was 9,902 cubic yards, of which 3,296 was first overcast; the material was mud, with soft sandstone towards the shore end of the basin.

## PROVINCE OF QUEBEC.

## LAC ST. LOUIS.

*Dredging.*

The site of dredging is in the main channel of the St. Lawrence, through Lac St. Louis, at the shoal patches which obstruct the channel upstream from the junction of the Ottawa river and the St. Lawrence main channel, 3 miles upstream from Lachine between Jacques Cartier and Chateauguay counties.

The object is to facilitate the passage of boats drawing 14 feet, tugs towing scows loaded with sand, etc. From May 26 to September 30, 1918, departmental dredge *No.*



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116 worked on both sides of the main channel and removed at shoal No. 1, on the south side of the channel, 10,600 cubic yards scow measure; on shoal No. 2, north of channel, 13,600 yards; and at shoal No. 3, north of the main channel, 3,650 yards, making a total of 27,850 cubic yards scow measure for the season, in making a 16-foot channel clear at low water level. The material removed is clay, boulders, and hardpan.

Shoal No. 1 is situated at 5,800 feet upstream of the lower light of new range on the south side of the channel, a length of 350 feet parallel with present channel by 100 feet wide was dredged to 16 feet, corresponding to 14 feet on the upper sill of Lachine canal; shoal No. 2 is situated 4,000 feet upstream of lower light on north side of main channel, was dredged on a length of 350 feet parallel with channel by 150 feet wide to a depth of 16 feet; shoal No. 3 is situated 3,000 feet upstream of lower light on north side of main channel was dredged on a length of 600 feet by a width of 100, also to a clear depth of 16 feet.

From May 16 to September 15, 1917, departmental dredge *No. 123* worked here and removed 29,500 cubic yards, scow measure, in making a 14-foot channel north of main channel, completing 41.6 per cent of the whole 14-foot project.

To complete to 16 feet below extreme low water with 2 feet subgrade will require the removal of 53,855 cubic yards, place measure, or 71,807 scow, over seven different shoals on both sides of main channel on a length of two miles for a 500-foot channel, and will take two working seasons for a dredge of the *No. 116* type.

## LAPRAIRIE.

Laprairie, a town in Laprairie county, is on the south shore of the St. Lawrence and a station on the Grand Trunk railway. (This work is described in the annual report for 1918.)

(A) *Dyke—Contract.*—The contract with Quinlan and Robertson being cancelled, tenders were asked in August, 1918, to complete the following work on the dyke:—

(a) In excavating a trench along and underneath the present western stone riprap a distance of 25 feet south of bridge and a distance of 30 feet at chainage 6,250, and to underpin and brace the western stone riprap to prevent it from crumbling when doing this excavation.

(b) In filling the bottom of these trenches with a layer of stone 2 feet thick and 3 feet wide.

(c) In underextending at those places the western stone riprap on a thickness of 18 inches following the same slope, to the top of the stone footing.

(d) In rebuilding, where directed, the 18 inches stone riprap of western wall from chainage 2,800 to 4,200, and from 6,155 to 6,680.

(e) In surfacing the western wall riprap with a layer of concrete 6 inches thick, from the point where surfacing was discontinued, to the bridge, and from the bridge to chainage 4,200. Part of this surfacing shall be 18 inches thick at the bridge approach.

(f) In surfacing the western wall riprap from chainage 6,155 to 6,680 for the height of 5 feet above the stone footing with a layer of concrete 6 inches thick.

(g) In altering from the slope of 1 in 4 to the slope of 1 in 1 with stone filling and riprapping, the eastern slope of dyke, the remaining distance from where the work was discontinued to chainage 4,200.

(h) In surfacing part of eastern slope of the dyke approaching the bridge with a 12-inch layer of concrete.

(i) In laying an 18-inch high dry stone wheel guard on both sides of dyke's roadway on its whole length from where the actual concrete curbs end.



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(j) In regrading the whole of dyke roadway on an average width of 20 feet and average thickness of 3 inches with stone, crushed stone, gravel, and sand, the whole properly rolled.

(k) In building a plank inclined roadway of access to the dyke at chainage 4,200.

The contract was awarded on September 14 to Duranceau and Poupart at an approximate price of \$22,874.

Up to April, the contractors had completed items *A, B, C, D, E, G, H, K*, 20 per cent of item *I*, 20 per cent of item *J*, at a total cost of \$14,647.25.

(B) *Plank Roadway*.—In fiscal year 1915-16, in order to accommodate the traffic during the construction of the dyke, a plank roadway was constructed in eight days alongside the dyke for a length of 6,500 feet.

This roadway is 16 feet wide and consists of 3-inch plank laid lengthwise on 8 by 4 sleepers laid 3 feet apart. Where necessary, a wheel guard 8 inches high was built on each side of the roadway. This roadway was widened to 24 feet at the bends, and side ditches were provided.

Total expenditure \$14,924.32.

During the fiscal year 1916-17, the plank roadway and temporary bridge were maintained in good order. The planks were renewed as they broke, and the road was always in first-class condition.

This work was performed by day labour.

During the fiscal year 1917-18, the plank roadway and temporary bridge were maintained in good order; nearly all the planks were renewed. This work was performed by day labour.

During the present fiscal year, this plank roadway and temporary bridge were maintained in good order by day labour, at an approximate cost of \$3,375.46.

An additional \$500 was also expended on rent of land, shed, and advertising.

#### RIVIÈRE-DU-LOUP (EN HAUT).

This river flows through the county of Maskinonge, taking its rise in the Laurentian mountains, 74 miles north, and empties into the St. Lawrence on the northern shore of Lake St. Peter, at Louiseville.

During the season, the department decided to loan, without charge, the dredging plant P.W.D. No. 106 to the Tourville Lumber Mills Company, who operated the dredge at their own cost. Dredging operations were undertaken in front of their wharf for a distance of 1,200 feet by a width of 45 and to a depth of 10 feet at low water. Material removed was 10,450 cubic yards, scow measure, of clay and sand. Work was commenced September 25 and discontinued November 16, 1918.

#### ST. MAURICE RIVER (EASTERN CHANNEL).

The river St. Maurice flows through the Laurentian mountains for a distance of 360 miles, and discharges into the St. Lawrence at Trois Rivières.

A contract was entered into with the Laurin and Leitch Engineering and Construction Company, Limited, of Montreal, dated July 27, 1918, and as a help dredge *Progress*, P.W.D. No. 116 was put to work in the eastern channel. The work performed during the season consisted of:—

1. The dredging of a part of a basin in front of the establishment of the Tide-waters Shipbuilding Company, Limited, the said basin being of an irregular form, measuring 900 feet in length by a mean width of 155 feet and a depth of 15 feet at low water. The total material removed on this work being 54,592 cubic yards, and the



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dredging was done by dredge *No. 4* of the Laurin and Leitch Engineering and Construction Company, Limited.

2. Another small basin was dredged from the Canadian Pacific Railway bridge to 900 feet below, so as to permit vessels to turn the curve at this point. This basin is of irregular form, measuring 800 feet long with a width of 80 feet upstream, 150 feet in the middle and 40 feet downstream, and the depth is 15 feet at low water. This dredging was done by dredge *No. 4* of the Laurin and Leitch Company, which removed 12,923 cubic yards, and dredge *Progress, P.W.D., No. 116*, which removed 8,263 yards. The balance of the dredging, 3,500 feet long by 40 wide at the bottom to a depth of 15 feet, was dredged for a great part by the *Progress, No. 116*, which removed 48,523 yards, and *No. 4* of the Laurin and Leitch Company, removed 5,010 cubic yards from this channel.

A total of 72,525 cubic yards were removed by dredge *No. 4* of the Laurin and Leitch Company, and 56,786 yards by dredge *Progress, P.W.D., No. 116*, or a grand total of 129,311, scow measure. From soundings taken after dredging it was found that the place measurement was 122,616 yards, giving an expansion factor of 5.5 per cent. The material removed was clay, sand, and a few sheet-pilings of an old coffer dam of the Canadian Pacific Railway bridge.

The contract dredging was done at the rate of 18½ cents per cubic yard, scow measurement, and the sheet-piling removed was paid for in accordance with wrecking clause. Work was commenced August 4 and discontinued on account of the advanced season on November 26, 1918.

## ONTARIO.

## FORT WILLIAM.

Fort William, district of Thunder Bay, is situated at the mouth of the Kaministiquia river near the northwest end of lake Superior and, together with Port Arthur, which directly adjoins it on the north, forms the western terminus in Canada of navigation on the Great Lakes.

The harbour consists of 13.02 miles of navigable channels in the Kaministiquia river and in the McKellar and Mission channels, which for the most part have been dredged to a depth of 25 feet below L.W.L. and have a general width of 500 feet between harbour headlines. The harbour frontage available for dockage amounts to 22.45 miles, of which 7.61 miles have already been built up.

Length of frontage protected 1918... .. 230 feet.

Length of frontage removed 1918... .. 860 feet.

(Old C.N.R. coal dock).

*Dredging.*

Dredging was performed in this harbour during the current fiscal year under contract by the Great Lakes Dredging Co., Limited.

This contract, which expired on December 15, 1918, covered all work of widening and deepening in the Kaministiquia river and Mission channel, and all work attended to during the past season was performed by dredge *No. 6* and dredge *Frank* between the following dates: dredge *No. 6*, May 8 to November 26, inclusive; and dredge *Frank*, May 16 to November 13, inclusive.

The derrick scow *Sampson* was also used for a short time in connection with the cutting down of high clay banks and in the removal of boulders and of certain obstructions in the harbour, while a drill scow was in commission from November 11 to November 26, in drilling and blasting a bed of boulders in the Mission channel.



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The total quantity authorized for removal during the season was 789,998 cubic yards, scow measure, consisting of 441,741 yards in the main area covered by contract and in the West Fort turning basin, and 348,257 yards in removing the C.N. Ry. Coal Dock area and widening the downstream approach to the West Fort turning basin.

The total quantity removed was 591,339 cubic yards scow measure, consisting of 434½ yards, class "A" material, and 590,904½ yards, class "B" material, while the quantities removed per dredge are as follows:—

Dredge No. 6.. . . .	305,384	cubic yards	s.m.
" Frank.. . . .	285,955	"	"
Total.. . . .	591,339	"	"

The following work was performed:

*Main Areas and West Fort basin—*

*Kaministikwia river.*—The whole of the area to be improved in the development of the West Fort turning basin was dredged to grade, dredge No. 6 having performed the bulk of this work, and a total quantity of 187,672 yards was removed. Considerable difficulty was met in deepening the area in this basin, immediately fronting the property of the Canadian Car & Foundry Co., Limited, on account of the developments made by this company in constructing their shipbuilding plant, and later on in the season on account of the trawlers that, as they launched, were moored to the company's wharf, and consequently interfered to some extent with the operations of dredging.

The channel between the G.T.P. bridge and the upper end of the old C.N. Ry. coal dock was scraped by the dredge *Frank*, and a total quantity of 20,215 yards was removed.

Certain shoals that were found to exist between the Mission channel and elevator "B" were removed by dredge No. 6, the quantity of materials in this case amounting to 10,657 yards.

A small shoal fronting the C.N. Ry. hard coal plant, that involved the removal of 529 yards was removed.

*Mission Channel.*—Certain shoal areas that existed between the head of the Mission channel, at its confluence with the Kaministikwia river, and the waterworks crossing were removed to grade by the dredge *Frank*, the quantity dredged being 10,415 yards.

Similar shoals that existed between the Fort William Coal Dock Company's hard-coal sheds and the entrance channel, containing 73,164 yards, were removed, both dredges being used over various portions of these areas.

Certain areas where shoaling had occurred in the entrance channel in Thunder bay were again dredged to grade, a quantity of 55,480 yards being removed by the dredge *Frank*.

*Removal of C.N. Ry. Coal Dock and widening approach to West Fort Truning Basin—*

*Kaministikwia river.*—The total quantity dredged in this work was 233,297 yards, of which quantity 88,306 yards were removed from the north side of the river and 144,991 yards from the south side.

All dredging was performed to a depth of 25 feet below L.W.L. or 601.86 feet above mean tide New York, N.Y.

In addition to the above-mentioned works, the Ogilvie Flour Mills Co., Ltd., dredged 1,152 yards and the Canadian Car and Foundry Co., Ltd., 1,780 yards, at their own expense, in removing shoals fronting their respective properties in the Kaministikwia river, for which these companies were responsible.

Total expenditure to March 31 last, under this contract, \$100,016.81.



The following unit prices obtained in the above contract, viz:—

*Synopsis* of quantities removed by dredging under the above contract in accordance with the respective locations of areas dredged:—

Kaministikwia river—		
West Fort turning basin.. .. .	187,672	
G. T. P. bridge to C. N. Ry. coal dock.. .. .	20,215	
Mission channel to elevator "B".. .. .	10,567	
C. P. R. hard-coal plant.. .. .	529	
		218,983
Mission channel—		
Kaministikwia river to water-works crossing.. .. .	10,415	
Hard coal shed to entrance.. .. .	73,164	
Entrance channel.. .. .	55,480	
		139,059
C. N. Ry. coal dock and widening approach to West Fort turning basin—		
North side Kaministikwia river.. .. .	88,306	
South         "                "                " .. .. .	144,991	
		233,297
Total (cubic yards scow measure).. .. .		591,339

*Removal of old C.N.R. Coal Dock:—*

170 cords at \$3 per cord.. . . . .	\$ 510
58,400 lineal feet of piling at 10 cents per lineal foot.. . . . .	5,840
<b>Total.. . . . .</b>	<b>\$6,350</b>

42,150 lineal feet pay length of piling pulled.

X PORT ARTHUR. X

During the present season, a total pay quantity of 178,321.72 cubic yards, scow measure, was removed by the dredge *Excelsior* belonging to the Canadian Dredge Company, Limited, under contract. This quantity consists of 154,207.58 yards of class "B" material and 24,114.14 yards of class "A" material. The former class of material consisted principally of clay and sand, together with a certain quantity of soft shale rock. The latter class of material consisted of solid rock



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obtained from the inner half of the slip fronting the Richardson elevator, all of which has been drilled and blasted, together with a certain quantity of rock boulders, each over 2 cubic yards in size, that were removed in stripping the rock.

The areas dredged, and the respective quantities of materials removed from said areas, were as follows:—

Areas Dredged.	Quantities.
Slip between Saskatchewan Co-operative elevator and the United Grain Growers' elevator; removing shoals to 25 feet below L.W.L. (cubic yards s.m. class "B" material) . . . . .	28,733
Slip fronting the James Richardson & Sons elevator; 150 wide, 25 feet deep below L.W.L. for outer half of slip and 22 feet below L.W.L. for inner half of slip (cubic yards s.m. class "B" material) . . . . .	43,229
And (cubic yards s.m. class "A" material) . . . . .	21,114
Entrance channel to Richardson slip, 270 feet wide, 25 feet below L.W.L., and 1,300 feet long (cubic yards s.m. class "B" material. . . . .	80,501
King's channel widening immediately to the north of main entrance channel, deepening to 25 feet below L.W.L. (cubic yards s.m. class "B" material) . . . . .	1,744

Low-water level, or the zero of guage, is 601.86 above mean tide, New York, and the range in water level during the present season was about 1.3 feet, varying from 0.5 feet below L.W.L. to 0.8 feet above L.W.L.

Expenditure, fiscal year ending March 31, 1919, \$69,386.17.

PORT BURWELL.

Dredging.

Sediment is deposited by Otter creek in the winding basin and between the piers, particularly during freshets. South of the breakwater, lake currents and storms drift sand into the dredged channel. A great amount of dredging is thus necessary to maintain a depth of water sufficient for navigation.

Otter creek, between the car-ferry slip and the public highway bridge, had become silted to such an extent that fishing tugs could not operate in this part of the river. A channel for their accommodation, and to allow boats to reach the public wharf, was therefore dredged, dimensions as follow: Length, 1,020 feet; width, 40 feet; and depth, 20 feet.

The material from the outer end of the entrance pier northerly is composed of silt, and from the outer end southerly it is chiefly sand with a mixture of silt near the piers.

Public Works dredge No. 117 began work April 8, and stopped August 31. Work was resumed on November 18 and discontinued for the season December 21.

The following table is the result of a study of place and scow measurement based on surveys made March, 1918, and August 15 to 22, 1918:—

DREDGING 1918-19.

Location.	Average dimension. in feet.	Cubic yds. S.M.	Cubic yds. P.M.	Exp. factor.
Turning basin north of ferry slip for plant.	{ 276.6 x 486.6 x 3.6 80.0 x 840.0 x 8.3 }	57,144	39,332	71.4
Between piers.....	103.3 x 780.0 x 2	26,125	8,459	208.8
Channel, east breakwater.....	100.0 x 1,025 x 2	30,323	16,230	85.7
Entrance channel south breakwater.....	246.0 x 752.0 x 2.5	62,581	25,000	150.3
Channel in Otter creek.....	1,020.0 x 40.0	25,786		
Total.....		201,959		



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It will be noted that the expansion factor is unusually large, due probably to a large quantity of sediment deposited by Otter creek and sand drifting on the lake bottom during the progress of the season's work.

The dredge was laid up at Port Burwell for convenience in making repairs and resuming work during the ensuing season.

## PORT STANLEY,

*Dredging.*

Port Stanley is an important fishing and commercial point.

Sand is deposited in the inner harbour and winding basin, particularly during freshets, by Kettle creek. Sand drifting on the lake bottom collects in the dredged channel south of the breakwaters. Public Works dredge No. 117 began work September 3, and stopped November 14. The area and quantities dredged were as follows:—

## DREDGING PERFORMED 1918.

Location—	Average Dimensions in Feet.	Cubic Yards Removed P.M.
Inner harbour... ..	100 by 523	17,406
Outer entrance channel and piers... ..	160 by 737.5	26,272
“ “ to breakwater... ..	255 by 450.8	17,379
Total cubic yards removed... ..		61,057

Contractor M. J. Hogan dredged between the old Pere Marquette breakwater and the new breakwater in providing an approach for the construction of the breakwater. He was paid for this by schedule prices according to the terms of his contract for constructing the breakwater.

## RUSCOM RIVER.

*Dredging.*

The Ruscom river enters lake St. Clair at a point 5 miles east of Belle river.

In 1907, a channel having a depth of 6 feet was dredged; this remained open for six or seven years during which time there was a considerable increase in the amount of fish caught and shipped at this point. The present work was done under contract by the Windsor Dredging Company between June 4 and 26, with the exception of 174 yards of re-dredging which was done at a later date.

The dredging consisted of the cutting of a channel 27 feet wide, 1,950 feet long, and having a depth of 5½ feet below the zero of gauge. The zero of gauge used this year was one foot lower than the gauge used in 1907. The quantity removed was 6,501.4 cubic yards, and the cost of the work was \$1,300.20.

It is anticipated that this channel will in time need re-dredging.

## SARNIA.

*Dredging at Salt Block.*

Sarnia is an important manufacturing town on the east bank of the St. Clair river, county of Lambton, 3 miles south of lake Huron.

For the purpose of assisting in the importation of coal to the Sarnia Salt Block and the Cleveland and Sarnia Saw-mills Company, a channel was dredged in Sarnia bay of the following dimensions: Length 1,030 feet, average width 63 feet, average depth of cut 2.884 feet.



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The total quantity removed amounted to 7,152 cubic yards place measurement. The above work was done by the Ontario Gravel Freighting Company at a cost of 35 cents per cubic yard. The total cost of the work was \$2,503.20. The depth of water provided was 15 feet below the zero of the gauge at Point Edward, no allowance was made for slope of the river between Point Edward and Sarnia.

TORONTO.

The city of Toronto, with a population of half a million, and situated near the head of lake Ontario, possesses an exceptionally fine land-locked harbour, known as Toronto Bay. The harbour is protected by a large crescent-shaped island separated at each end from the mainland by the Eastern and Western channels, through which access to the bay is obtained.

(This work is described in the annual report for 1915.)

*Section "A."*—The eastern sea wall, length 17,295 feet, extending along the lake front from the Eastern channel to Woodbine avenue. This wall is of standard pile bent and concrete-top construction, but has not yet been commenced.

*Section "B."*—The Western breakwater consists of sections of wall running parallel to the extended shore line at approximately 300 feet distance.

During the past season, only rectification work was done on the breakwater. Approximately, 100 tie rods, 2 inches in diameter, were placed in the work, and some twenty-six square piles being also driven. This completes the rectification proper, but some parts of the work damaged or otherwise rendered useless have not been replaced by the contractors. These portions of the work have been deducted as shown below:—

Item.	Description of work.	Deduction.	Unit price.	Amount.
12.....	Round piles.....	9,196 lineal feet.....	\$0.40	\$3,678.40
13.....	Cribwork.....	581 cubic yards.....	4 90	2,846 90
20.....	Dredging.....	4,444 cubic yards.....	3 75	1,666 50
20-A .....	Hemlock flooring.....	1,680 F.B.M.....	0 09	151 20
				<hr/> \$8,343 00

*Section "C."*—Ship channel and turning basin. On this section of the work excellent progress has been made; all the old substructure work has been rectified; on the concrete superstructure 18,744 cubic yards have been poured, completing both walls of the ship channel, making a total of 13,002 lineal feet of wall.

As in the previous year, the contractors have done this work in the dry, maintaining the level of the water about 2 feet below the top of the bent piles.

In the turning basin, practically all round piles, caps, and stringers are in place. No work has been done on this section of the work this season.

During the season, the entire ship channel has been dredged to the required depth and the material deposited as back-fill.

Below is a summary of work performed during period from April 1, 1918, to March 31, 1919:—

Round piles.. . . .	\$ 3,837.92
Hemlock.. . . .	302 40
British Columbia fir sheet piles.. . . .	11,861 35
"    "    " in other parts of work.. . . .	133 76
Concrete.. . . .	164,011 92
Structural steel.. . . .	20,835 21
Drift bolts, etc.. . . .	5,616 54
Cast-iron bollards.. . . .	5,477 22
British Columbia fir waling.. . . .	16,129 07
Dredging.. . . .	45,926 07
Total.. . . .	<hr/> \$274,131 46



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Extra work done during the season amounted to \$216.73, consisting of placing corner plates at corners A, B, K, V, and W1, and filling cast-iron bollards with concrete.

*Section "D," Retaining walls, Northern slip and Marginal way.*—That portion of the contract known as the northern slip or the Don diversion channel was completed ready for back-fill during the fiscal year of 1916-17, as was also the north marginal way-wall.

On Section W-W1, known as Polson's Extension (924 feet in length) the concrete portion of the superstructure was completed and the entire superstructure built during this season. This work consisted of placing 334 yards of concrete and 62,394 f.b.m. of timber.

On sections KV and VY, known as the south marginal way, the top lift of concrete was poured, 388 cubic yards, completing this section of the work.

No work was done on the ventilating channel walls during this season.

Following is a summary of the work performed during the period April 1, 1918, to March 31, 1919:—

Round piles.. . . . .		\$ 58 17
Hemlock.. . . . .		4,367 59
British Columbia fir sheet-piles.. . . . .	\$5,272 05	
"          " in other parts of work.. . . . .		33 26
Concrete.. . . . .		4,581 40
Reinforcing steel.. . . . .		687 67
Structural steel.. . . . .		4 22
Drifts, bolts, etc.. . . . .		454 06
British Columbia fir waling.. . . . .		1,573 58
Cast-iron bollards.. . . . .		670 68
Dredging in ventilating channel.. . . . .		472 49
	\$5,272 05	\$12,903 06
		5,272 05
		<u>\$7,631 01</u>

The deduction of \$5,272.05, shown above, for B.C. fir sheet piles, is due to an adjustment between progress estimates and final estimate.

*General.*—The gross value of the work performed and materials furnished by the contractors as per final estimate, dated December 17, 1918, is \$2,579,890.11.

The advance against materials in yards is now \$2,909.09, being \$40,426.65 less than on March 31, 1918.

The gross value of the work performed from April 1, 1918, to March 31, 1919, is \$273,419.47. The cost of inspection, engineering and maintenance and equipment of resident engineer's office for the period has been \$33,026.52.

On December 21, 1917, the department notified the Canadian Stewart Company, Limited, that on the completion of the ship channel walls, north and south marginal-way, that their contract would be terminated. This work was completed during the season 1918-19, and on February 4, 1919, an Order in Council was passed cancelling their contract.

On March 10, 1919, a new contract was entered into between the Department and Messrs. Roger Miller & Sons, Limited, of Toronto, for the completion of the turning basin and ventilating channel, and repairing and completing sections A, B, C, R, and S of the western breakwater.

The contractors are preparing for the coming season; work has been started on a railway spur line and road to the turning basin, and a yard on the water front of Toronto bay is being prepared for the making of concrete blocks for the break-water superstructure.



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## MANITOBA.

## HNAUSA.

*Dredging.*

The object of this work was to improve the berth beside the government wharf. Dimensions of the work were 81 by 90 feet, with an average cut of 6 feet.

The quantity of material removed was 156 cubic yards, place measure, consisting of hard clay.

P.W.D. dredge *No. 201* was employed from July 22 to August 3, a possible time of 120 hours, of which 115 hours were lost mainly through storms and weather.

## RED RIVER.

*New Channel Dredging.*

The work at this place was for the purpose of maintaining the channel outside the protection work.

The dimensions of the work were 768 by 140 feet with an average cut of 3 feet. This work is required annually and varies with the extent and severity of the spring flood in the Red river.

The material removed consisted of river silt and clay, and the quantity removed was 11,941 cubic yards, place measurement, and was all cast over.

P.W.D. dredge *No. 201* was employed from May 31 to July 20 and from August 5 to August 15, or a possible time of 534 hours, of which 426 were lost due to weather, repairs, towing, etc.

The cost of the work was \$6,976.79, or a cost per cubic yard of 58.4 cents.

## SASKATCHEWAN.

## BIG STONE RIVER.

The object of this work was to improve navigation in the Big Stone River rapids, near Cumberland House.

No work of any kind had been done at this locality in the past.

The work done during the past season was not completed as proposed, on account of the exceptionally high water in the Big Stone river, due to ice jams in the Saskatchewan river.

The work consisted of excavating clay and gravel by means of a slusher after blasting had been completed, the removal of large boulders and the clearing of a towing path, 1,271 feet long, for "lining" steamers and barges up the rapids. A channel 242 feet long and 30 wide, with a maximum depth of 3 feet at low water, was secured. The work lasted from January 11 to February 28, 1919. The total cost of the work was \$2,451.13.

## CUMBERLAND LAKE.

*Dredging.*

The object of the work was to provide a channel through the bar in Cumberland lake, at the point at which it empties into the Big Stone river.

The work done during the past season consisted of one cut 4,140 feet long, 50 feet wide, with an average cut of 2.8 feet. During the summers of 1914 and 1915, 35,096 cubic yards were removed, or a place measure of 28,077 cubic yards. There still remains 20,000 cubic yards place measurement, to complete the work.



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The material consisted of clay, gumbo, and sand.

The quantity removed amounted to 27,350 cubic yards, cast over, which with an expansion factor of 1.2 gives a place measure of 21,880 cubic yards.

P.W.D. dredge No. 208 was employed from May 20, to September 25, a possible time of 1,110 hours, 512½ hours being lost time, due mainly to storms and weather.

The cost of this work was \$7,935.23, or a cost per place measure cubic yard of 29.01 cents.

## BRITISH COLUMBIA.

## ESQUIMALT.

*Coaling Jetty.*

Plans and specifications were prepared and contract placed with Messrs. Palmer Bros., Vancouver, B.C., for the renewal of the naval coaling jetty, the old wharf being beyond repair.

A new wharf was constructed of the following dimensions: Wharf head 250 by 60 feet, main approach 183 feet 6 inches by 31 feet 10½ inches, side approaches 150 by 9 feet 6 inches and 134 feet 4 inches by 20 feet. Creosoted piles were used throughout, together with creosoted lumber for all bracings below H.W.L. The new wharf has a depth of 32 feet at L.W.L. at its face, being extended out considerably beyond the face of the old wharf. The work was completed in a thoroughly satisfactory manner in January, 1919, at a total cost of \$46,781.06. Improved methods of unloading and placing coal in the storage sheds adjacent to the wharf and delivering same to ships or scows should be provided; the existing system of using small trucks being both slow and expensive.

## ESQUIMALT.

*Dockyard Wharf.*

Plans and specifications for the reconstruction of the dockyard wharf have been prepared and a contract was awarded to Messrs. McDonald & Watson, for the sum of \$52,924.07, unit prices.

## FRASER RIVER.

*Boneyard, Annacis Island.*

To provide berthing and working room for scows and other departmental plant, stored at a Public Works storage yard on Annacis island, the departmental dipper dredge *Mudlark* was put on the work to dredge the necessary cut. The materials being too fine to hold in the scow pockets, the dredge *King Edward* (305) was put on the work April 2, 3, 11, and 12, 1918.

A cut 160 feet long and 100 feet wide was made, roughly at right angles to the protective wing dam opposite the storage yard, and to a depth of 20 feet below L.W.O.S.T.

The outer end of the cut meets the deep water of the main channel of the Fraser river at a point one mile southwest of New Westminster city.

A total of 3,825 cubic yards, place measurement, of light silt and sand was pumped out of the cut and deposited around the outer end of the wing dam, where it will act as a protection to it against scour.

Further dredging will have to be done in the course of a few years, the exact year being determined by action of the Fraser floods and the requirements for berthing room at that time.



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*Sandheads.*

With the object of assisting the natural tendency of the Fraser river to find its way to the sea through a defined channel, and to train the waters into a course which is most desirable from the standpoint of navigation, the departmental dredge *Fruhling* (303) was operated during the whole of the fiscal year 1918-19 along the main channel and through the sandheads, from Steveston to the deep waters of the gulf of Georgia, a distance of  $5\frac{1}{2}$  miles.

No accurate dimensions of the cuts made can be given, but an approximation would place the total length of area worked over at 9,400 lineal feet, and the widths as varying between 200 and 300 feet; these cuts were made along a definite and pre-determined line paralleling the existing and proposed jetty line, and the line of greatest depth of river bed.

Between the fiscal years 1910-11 and 1918-19, both inclusive, a total of 5,315,467 cubic yards of material have been removed from the channel by dredging. The work done during the fiscal year 1918-19 has assisted in maintaining a minimum depth of 14.0 feet L.W.O.S.T., or 26 feet on a 12-foot tide through the channel, and the work is still under way.

Some 818,048 cubic yards, hopper measurement, of sand and silt were removed from the cuts between buoys 1-3, 9-11, and 15-18.

The duration of the improvements made in the last fiscal year cannot be determined, but each year's work has a tendency to make more or less permanent the channel trained by the existing jetty.

*Steveston.*

To provide a sufficient depth of water to allow small freighters, tugs, etc., to tie up to and remain alongside the wharves of operating canneries at Steveston during any stage of the tide, berths were dredged in front of the plants of the Imperial Cannery to 10.0 feet below L.W.O.S.T., the Phoenix Cannery and the Dominion Products Company to 8.0 feet below L.W.O.S.T.

There were three berths dredged: that in front of the Imperial Cannery is 900 feet long and 155 wide; that in the front of the Phoenix Cannery is 1,000 feet long and 155 wide; and that in front of the Dominion Products Company's plant is 200 feet long and 150 wide. These berths are isolated from the main channel of the Fraser by shoal water at low tide, but advantage is taken of high water periods to get in and out of the berths.

A total of 56,000 cubic yards (place measurement, based on a survey) of sand and silt were removed from the three berths. As the work was performed by the suction dredge *King Edward* (305), no scow measurement is given or computed.

The works were performed between the following dates: June 17 to 26; July 2 to 23; and October 30 to November 9, 1918, a total of 43 days, including time getting on the work, etc.

*Steveston, New Channel.*

For several years previous to 1918, the waters of the Fraser, running through the channel known as Woodward's slough (the main navigable channel at that time) showed a decided tendency to use a channel farther to the north, with the result that the old channel became subject to shoaling through silting, and the new channel offered deeper water for navigation to a point where the two channels meet again opposite the town of Steveston. At this point, the navigation of the new channel was impeded by a large bar of sand, silt and clay. Early in 1918, it was decided to dredge a channel through this bar rather than try to keep the old Woodward's slough channel clear of constantly forming shoals.



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The dredge *King Edward* (305) was put on the work May 8, and working between the following dates she dredged a channel 5,150 feet long and 300 feet wide, to a depth of 16 feet at L.W.O.S.T.

May 8 to June 15, July 24 to August 31, September 12 to October 29, November 11 to March 26.

In dredging the channel a total of 545,900 cubic yards of materials were removed.

In addition to the work in the new channel performed by the dredge *King Edward*, a small triangular area at its westerly end, and connecting it with the main river channel was dredged to 16 feet at L.W.O.S.T. by the dredge 303.

Work was performed between October 16 and November 30; according to the dredge returns the quantity of materials removed was 114,700 cubic yards, hopper measurement, of silt, sand and clay.

*Woodwards Landing.*

To provide sufficient berthing room at the Provincial Government ferry dock at Woodward's Landing, for the ferries plying between this point and Ladner, 2½ miles distant, it was asked that the berth, which had silted up, be dredged to 11.0 feet at L.W.O.S.T.

The dredge *King Edward* (305) was put on the work March 27, 1918, and a cut roughly 100 feet long and 50 feet wide was made in front of the wharf, to the 11-foot contour of the river bottom.

A total of 195 cubic yards (place measurement) of sand and silt were removed in the one day's operations.

## HARDY BAY.

Hardy bay is situated at the north end of Vancouver island. The old wharf, which had been built many years ago, was carried away in a storm early in 1918. It was decided to replace this by a float, for the construction of which the tender of Messrs. McDonald & Watson, Victoria, for \$2,136 was accepted, but owing to bad weather conditions, the work has not been commenced at the end of the fiscal year.

## KICKING HORSE RIVER.

The channel of Kicking Horse river, at Golden, was obstructed by an accumulation of gravel carried down from the canyon above the town and deposited on the flats on which the town is built. At one point the gravel had formed a bar over six feet in height, the top of which was only one foot below the level of the adjoining banks, and during high water seasons of 1916, 1917, and 1918, the water overflowed these banks and flooded the adjacent portions of the town, and the farming lands in the vicinity, to a depth of several feet, doing an enormous amount of damage besides causing great inconvenience. To prevent further flooding during future periods of high water, it was decided to clear out the obstructions in a part of the present channel, past the point of the most severe flooding and bank erosion, thus forming a new channel 150 feet wide and approximately 3,400 in length, with an average depth of 6 feet.

Funds for this work were provided by the appropriations of \$12,200 by the province of British Columbia, and the same amount by this department.

The Canadian Pacific Railway Company, which is largely interested in the prevention of future floods, have lent a 3½ yard steam shovel which is being used for excavating above water, and the excavation below water is being done by three steam drag scrapers owned by this department.



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The work of excavating was started during November, 1918, and by March 31, 1919, 60,030 cubic yards of material had been moved and a pile and timber wall, 600 feet long had been constructed.

The expenditure to March 31 was \$23,073.26.

Work is still in progress.

#### SQUIRREL COVE.

A new float was built here, 18 by 36 feet, and an approach 6 by 100 feet. The float was anchored with two 3-ton rocks, and two 50-foot anchor chains; expenditure was \$352.50.

#### VANCOUVER.

On March 5, 1918, a contract was entered into between the department and Messrs. Hodgson & King for the construction of a freight shed on the west side of the government wharf, and work was started about April 1, 1918, and was finished January 4, 1919, as a cost of \$129,280.

The contract price was \$128,274, and two extras, the alteration of the doors on the east side costing \$786, and the laying of the track on the west side of the shed \$220.

On September 27, 1918, a contract was entered into between the department and the Canadian General Fire Extinguisher Company for the installation of a sprinkler system in the two sheds on the government wharf. The work was commenced about October 1, 1918, and was completed on March 31, 1919, at a cost of \$33,194.73. The contract being a lump sum of \$32,853.45, and an extra of \$341.28 for carrying the power wires from the pole line to the air compressors, which were installed as the system is what is known as the dry-pipe system to prevent freezing, the building not being heated.

The other expenditures on the Vancouver wharf consisted in laying rails on the west side of the shed, and connecting the tracks with the Canadian Pacific Railway at a cost of \$1,790.29.

The total expenditure for this fiscal year was \$164,265.02.

#### *Dredging.*

*Coughlan's Shipyards, False Creek.*—To enable ships built in the Coughlan's shipyards to be launched into the slips alongside the launching ways, it was asked that these slips and the berth at the end of the dock be dredged to 12.0 feet at L.W.O.S.T.

A contract was entered into with the Pacific Dredging Company to dredge some 22,000 cubic yards of materials at the rate of ten (10) cents per cubic yard.

Work was started May 4, 1918; between this date and May 20, 15,816 cubic yards of silt and stiff clay was removed from the slips and pumped to the head of False creek, on the area reclaimed for the Canadian Northern Pacific Railway Company.

The area dredged over consists of three parts: a berth on the west side having an average length of 205 feet and a width of 62 feet, a berth on the east side having an average length of 311 feet and a width of 62 feet, and an end berth connecting the two former 127 feet long and approximately 80 feet wide. All of these were dredged out to the 12-foot contour line paralleling the main 20-foot channel of False creek.

As it was found that a suction dredge could not remove all of the harder materials encountered, a new contract was entered into with J. W. Pike to perform the remainder of the work with a dipper dredge, at the rate of twenty-eight (28) cents per cubic yard. This work was commenced June 13 and completed September 18, 1918.

A total of 3,297 yards, place measurement, of stiff clay and boulders was removed. Scow measurement was 4,455 cubic yards, an expansion factor of 35 per cent over place measurement.



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The total yardage removed and total cost is as follows:—

Pacific Dredging Co.. . . . .	15,816	cubic yards at 10 cents per yard.	\$1,581 60
J. W. Pike... . . . .	3,297	" 28 " "	923 16
Total... . . . .	19,113	"	\$2,504 76

*Vancouver Gas Works, False Creek.*—To provide berthing and working room for scows and tugs alongside the Vancouver Gas Company's plant and wharf on False Creek, it was asked that the slip be dredged to 12.0 feet at L.W.O.S.T.

A contract was entered into with J. W. Pike to remove 12,850 cubic yards of silt, boulders, and hardpan at a rate of thirty-six and a half ( $36\frac{1}{2}$ ) cents per cubic yard.

Work was commenced March 11 and completed as far as possible May 8, 1919, when a total of 6,697 cubic yards of materials had been removed from the slip.

Up to and including March 31, 1919, 2,555 cubic yards of materials had been removed at a cost to the department of \$932.58. The above yardage is place measurement, as against 2,970 cubic yards scow measurement, an expansion factor of 16 per cent over place measurement.

The area dredged over is 318 feet long and, over the greater part of its length, 117 wide, with the only dredge available which could pass under the Georgia Street viaduct, it was not possible to dredge to the full depth desired over the entire area, owing to the extremely hard materials encountered.

The work done would, however, seem to meet the requirements of the tugs and scows operating in the slip, and the depth should be maintained for at least five years.

## VICTORIA.

On September 7, 1918, a contract was awarded for the construction of a freight shed, 200 feet by 199 feet, together with the necessary trackage on pier No. 3.

The shed is similar in design to the one constructed last year on pier No. 2 and being located 200 feet from the inner end of the pier can be extended at both ends if at any time the business of the port so warrants.

The trackage which connects with the existing system and ferry slip, consists of surface tracks on each side of the pier extending to the outer end and a depressed track extending to the end of the shed.

Work was commenced October 7 and proceeded slowly on account of delay in delivery of materials till the beginning of 1919 when better progress was made.

At the end of the fiscal year work to the value of \$57,341, or 75 per cent of the total amount of the contract price of \$76,495, had been done, and the whole contract will be completed in May, 1919.

## PIER NO. 3.

On December 27, 1918, a contract was awarded for the construction of an adjustable slip and the alteration of protective fenders on pier No. 3.

The slip is located on the north side of the pier opposite the centre of the shed now under construction, and the work consisted of the removal of a portion of the existing concrete parapet wall, lining with concrete, the framing and building-in of the slip with lifting mechanism, and the replacement of 200 feet of rigid fenders with boom logs.

Work was commenced January 29, 1919, and the contract was completed the last week in March.

The contract was \$3,500.



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## DREDGING OPERATIONS.

*Contract Dredging and Dredging by Days' Labour, 1918-19.**Port Arthur, Ont.—*

Under agreement No. 9490 with W. E. Phin, dredge *Excelsior*.

Quantity removed: Class A, 24,114.14, Class B, 154,207.58 cubic yards, scow measurement at \$2 per cubic yard, Class A, and 13 cents Class B, of rock, clay, sand, and gravel, \$68,275.26; additional paid dredging in 1917, in Richardson Slip by Richardson & Sons, \$1,301.07; inspection \$929; total expenditure \$70,405.33.

Work commenced May 13, 1918; completed November 20, 1919.

Object of work: To continue by dredging the scheme of having 25 feet depth all over the harbour.

*Fort William, Ont.—*

Under contract No. 7339 with Great Lakes Dredging Co. Dredge No. 6 and *Frank*.

Quantity removed: Class B, 590,904½ cubic yards, Class A, 434½ cubic yards, scow measurement at \$2.40, \$2.86 per cubic yard, Class A, and 10¼ cents 26½, 22½ cents, Class B; clay, sand, gravel and rock. Average for all materials, 16.9 cents.

Amount passed for payment, \$100,016.81; less, held back by order, \$1,500.00 Inspection, etc., \$3,350.50; total expenditure, \$101,867.31.

Work commenced May 8, 1918; completed November 26, 1918.

Object of work: To complete dredging of channels of Mission and Kaministiquia rivers on basis of 500 feet width and 25 feet depth and to complete Westfort turning basin.

*False Creek, Vancouver, B.C.—*

Under agreement with J. W. Pike, dredge *Beaver No. 2*.

Quantity removed: 3,297 cubic yards place measurement at 28 cents per cubic yard, class B.

Amount passed for payment, \$923.16.

Work commenced, June 13, 1918; completed September 20, 1918.

Object of work: dredging channel and berth at lay-to berth, at Coughlan shipyard.

*False Creek, Vancouver, B.C.—*

Under agreement, with Pacific Dredging Co., dredge *No. 1*.

Quantity removed: 15,816 cubic yards, place measurement at 10 cents per cubic yard, class B; hardpan and clay.

Amount passed for payment, \$1,581.60; total expenditure, \$1,581.60.

Work commenced, May 11, 1918; completed May 20, 1918.

Object of work: Dredging channel berth at Coughlan shipyard.

*Fort William, Ont.—*

Under contract No. 11646 with Stewart MacKenzie.

Quantity removed: 184.4 cords at \$3; 42,150 lineal feet piling at 10 cents per lineal foot.

Amount passed for payment, \$4,768.20; inspection, \$270; total expenditure, \$5,038.20.

Work commenced, June, 1918; completed August 17, 1918.

Object of work: removal of superstructure and piling of old Canadian Northern railway dock.



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*Sarnia, Ont.*

Under agreement with Ontario Gravel Freighting Co.

Quantity removed: 7,152 cubic yards, place measurement at 35 cents per cubic yard, class B; clay.

Amount passed for payment, \$2,503.20; total expenditure, \$2,503.20.

Work commenced, April 17, 1918; completed, May 14, 1918.

Object of work: To dredge channel in Sarnia bay into and along the front of the wharf of the Dominion Salt Company.

*Ruscom River, Ont.*

Under agreement with Windsor Dredging Co. dredge, *Reaume*.

Quantity removed: 6,501 cubic yards, place measurement at 20 cents per cubic yard, class B; sand and clay.

Amount passed for payment, \$1,300.20; inspection, \$13.10; total expenditure, \$1,313.30.

Work commenced, June 10, 1918; completed, July 16, 1918.

Object of work: To dredge channel 5 feet deep and 27 feet wide at low water at mouth of river.

*Hardwick, N.B., McLeans Gully.*

Under contract No. 11496 with F. A. Fowlie, dredge *Fowlie*.

Quantity removed: 8,884.6 cubic yards, scow measurement at 36 cents per cubic yard, class B; sand and mud.

Amount passed for payment, \$3,198.45; inspection, \$122.50; total expenditure, \$3,320.95.

Work commenced, June 24, 1918; completed, October 11, 1918.

Object of work: Channel 5 feet deep from Miramichi bay through shoal in McLeans gully.

*St. Maurice River, Three Rivers, Que., Eastern Channel.*

Under agreement contract No. 11775 with Laurin and Leitch, Engineering and Construction Company, dredge *No. 4*.

Quantity removed: 72,525 cubic yards scow measurement at 18½ cents per cubic yard, class B; clay, sand and mud.

Amount passed for payment, \$14,098.82; inspection, \$712.76; total expenditure, \$14,811.58.

Work commenced August 4, 1918; completed, November 15, 1918.

Object of work: Channel 40 feet wide, 16 feet deep, from St. Lawrence river to shipyard of Tidewater Shipbuilders, Limited.

*N. W. Miramichi River, N.B., Lawlor's Shore.*

Under contract No. 11,803 with Peter England.

Quantity removed: 54,994 cubic yards, scow measurement at 44 cents per cubic yard, class B; sand.

Amount passed for payment \$2,419.74; inspection, \$130.26; total expenditure, \$2,550.

Work commenced August 28, 1918; completed September 30, 1918.

Object of work: Channel through shoal.

*Fourchu, N.S.*

Under contract No. 11,933 with Atlantic Dredging Company, dredge *Pepperill*.

Quantity removed: 8,694 cubic yards, scow measurement at 60 cents per cubic yard, class B, mud.



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Amount passed for payment, \$5,216.40; inspection \$168.11; total expenditure, \$5,384.51.

Work commenced October 12, 1918; completed November 13, 1918.

Object of work: Enlarge basin at government wharf.

*Mill Creek, N.S.*

Under day's labour, hand dredging, with C. E. W. Dodwell, District Engineer.

Amount passed for payment, \$147.25; total expenditure, \$147.25.

Work commenced November, 1918; completed February, 1919.

Object of work: Removal of sand bar at end of wharf to allow vessels to pass in and out of Mill creek.

*Kingsport, N.S.*

Under agreement with Mr. David White.

Quantity removed: One boulder.

Amount passed for payment, \$20; total expenditure \$20.

Work completed June, 1918.

Object of work: To remove boulder carried by the ice and deposited in the berth alongside public wharf.

*Naufrage, P.E.I.*

Under day's labour, with District Engineer.

Amount passed for payment, \$771.69; total expenditure, \$771.69. Work commenced June, 1918; completed November, 1918.

Object of work: To dredge between piers to give increased depth for fishing boats.



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## CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1918.

## MARITIME PROVINCES.

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Locality Cost.	Total Cost.	Cost per cu. yd.
					\$ cts.	\$ cts.	\$
"No. 1"		Not in commission				13,673 35	
"No. 2"		Not in commission				3,366 39	
"No. 3"		Rented from May 1st, Foley Bros., Welch, Stuart & Fauquier					
"No. 5"	Sept. 28-Dec. 4.	Kelly' Beach North Sydney, N.S.	Stones, gravel and fine sand.	82,200	19,219 96	3,126 87 19,219 96	0.233
"No. 6"		Out of commission				170 00	
"No. 7"	Jan. 1-19. May 8- June 26. Dec. 12-31.	Yarmouth, N.S. Abbott's Harbour, N.S.	Mud Mud, sand, stones...	10,955 1,832	13,168 08 3,129 00		1.202 1.708
"No. 9"	June 5-July 6. Nov. 1-14. July 8-Oct. 31.	Pownal, P.E.I. Cape Tormentine, N.B.	Brick clay, mud and boulders. Sand, rock, mud, brick clay.	12,787 8,678 23,647		16,297 08	1.274 0.71
				32,325		22,894 30	0.71
"No. 10"		Not in commission				1,676 49	
"No. 11"		Not in commission				3,492 33	
"No. 12"		Not in commission				1,670 35	
"No. 13"	May 21-28.	Chatham, N.B., Snowball's Wharf.	Mud and gravel	1,335	543 43		0.407
	May 29-June 15.	Chatham, N.B., Canada Dock	Mud	3,736	1,333 88		0.357
	June 17-27.	Loggieville, N.B.	Soft mud	6,326	2,420 75		0.382
	June 28-Oct. 31.	Shippegan, N.B.	Mud, sand, rock and gravel.	68,215	22,243 78		0.326
				79,612		26,541 84	0.333
"No. 14"		Not in commission				983 92	
"No. 15"		Not in commission				570 65	
"Lobnitz No. 3"		Rented to Foley Bros., Welch, Stuart & Fauquier				720 47	
"Stonelifter No. 1"		Not in commission				1,571 81	
Tug "Lisgar"		Rented—Customs Dept				2,023 40	
Tug "Fredericton"		Yarmouth Harbour	Breaking ice			1,629 68	
Tug "Canso"		Rented—Naval Dept				251 09	

## ONTARIO AND QUEBEC.

"No. 4"		Not in commission				1,880 91	
"No. 101"		Dismantled				889 68	
"No. 102"		Not in commission				1,152 91	
"No. 103"		Not in commission				3,570 45	
"No. 106"		Not in commission				2,369 64	
"No. 109"		Not in commission				14,304 97	
"No. 110"		Not in commission				10,441 91	
"No. 111"		Not in commission				611 37	
"No. 112"		Not in commission				905 29	
"No. 114"		Sold to I. W. Hennessy, Inc				1,243 32	
"No. 115"		Not in commission				821 24	
"No. 116"	May 28-Sept. 30.	Lake St. Louis	Hardpan, boulders and clay.	27,850	23,122 23		0.83
	Oct. 1-Nov. 16.	St. Maurice River	Clay and sand	56,786	9,932 94		0.174
				84,636		33,055 17	0.39
"No. 117"	Apr. 8-Aug. 31.	Port Burwell, Ont.	Silt, sand and mud.	175,572	27,319 97		0.155
	Nov. 18-Dec. 17	Port Burwell, Ont.		25,786	3,803 84		0.147
	Sept. 2-Nov. 16.	Port Stanley, Ont.	Clay, sand, mud	60,057	9,599 03		0.159
				261,415		40,722 84	0.155
"No. 118"		Not in commission				260 13	
"No. 119"		Not in commission				1,817 10	
"No. 120"		Not in commission				1,377 26	
"No. 121"		Not in commission				5,939 64	
"No. 123"		Not in commission				10,612 77	
Stonelifter "No. 101"		Not in commission				600 00	
Stonelifter "No. 102"		Not in commission				56 86	
"Steam Derrick"		Rented to Price Bros. May-July (\$380).				220 69	



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MANITOBA, SASKATCHEWAN AND ALBERTA.

Dredge.	Date.	Locality.	Material.	Quan- tity cu. yds.	Locality Cost.	Total Cost.	Cost per cu.yd.
					\$ cts.	\$ cts.	\$
"No. 201".....	May 31-July 20..	Mouth of Red River.....	Sandy clay .....				
	Aug. 5-15.....			11,941	8,773 61		0.734
	July 22-Aug. 3..	Hnausa.....	Hard clay.....	156	405 38		2.598
				12,097		9,178 99	0.758
"No. 202".....		Not in commission.....				1,614 30	
"No. 204".....		Not in commission.....				1,327 27	
"No. 205".....		Not in commission.....				1,571 93	
"No. 208".....	May 20-Sept. 25.	Cumberland Lake, Sask.....	Clay, sand and gum- bo.	27,350	7,902 40	7,902 40	0.288
"No. 210".....		Not in commission.....				1,145 77	

BRITISH COLUMBIA.

"No. 301".....	Jan. 1-12.....	Nanaimo Harbour.....	Broken rock.....	1,277	3,429 17		2.68
	Jan. 14-Mar. 31..	Victoria Harbour.....	Silt and broken rock	27,184	20,908 44		0.769
				28,461		24,337 61	0.855
"No. 302".....		Not in commission.....				745 35	
"No. 303".....	Jan. 1-Oct. 12...	Sand Heads.....	Sand and clay.....	762,400	59,794 16		0.078
	Dec. 2-31						
	Oct. 14-Nov. 30.	Woodwards Slough.....	Sand and clay.....	114,700	11,584 80		0.101
				877,100		71,378 96	0.081
"No. 304".....	Mar. 4-Mar. 6...	Okanagan River (Head).....	Sand.....	125	294 82		2.358
	Mar. 7-16.....	Okanagan R. Stn. 27, 29.....	Sand and mud.....	795	1,579 38		1.986
				920		1,874 20	2.037
"No. 305".....	Jan. 1-21.....	Shipyd. Coquitlam.....	Clay, boulders.....	1,210	3,773 74		3.118
	Jan. 22-Mar. 6...	Burr's Landing.....	Sand and silt.....	35,065	5,125 24		0.146
	Mar. 7-14.....	Brunette Sawmills.....	"	6,395	1,592 32		0.249
	Mar. 15-31.....	Eburne.....	"	30,895	2,716 51		0.087
	April 1-13.....	Annieville Bar.....	"	3,825	468 14		0.122
	Apr. 15-May 4..	Sidney Mills.....	"	5,205	2,395 24		0.46
	May 6- June 15..	New Channel, Steveston .....	"	313,545	30,055 46		0.095
	July 24-Oct. 31..						
	Nov. 11-Dec. 31						
	June 17-July 8...	Cannery Channel, Steveston...	"	33,100	5,245 65		0.158
	July 15-23.....						
	July 9-13.....	Imperial Channel.....	"	14,015	1,392 00		0.099
	Nov. 1-Nov. 9..	Dominion Products.....	"	9,785	1,231 10		0.125
				453,040		53,995 40	0.119
"No. 306".....	Jan. 1-Mar. 31...	Parthia Shoal, First Narrows.	Gravel and boulders	54,990	32,701 43	32,701 43	0.594
"No. 307".....	Jan. 1-25 .....	Victoria Harbour.....	Rock and clay.....	3,875	3,647 71		0.941
	Jan. 26-Mar. 9...	Coquitlam.....	Clay and gravel.....	12,900	8,428 79		0.653
	Mar. 11-12.....	Boneyard.....	Fine sand.....	100	364 52		3.64
				16,875	12,441 02	12,441 02	0.737
"No. 309".....		Not in commission.....				181 50	
"No. 311".....	Jan. 1-Mar. 31...	Forest Glen.....	Sand.....	55,200	3,811 13	3,811 13	0.690
"No. 313".....		Not in commission.....				741 91	
"Rockbreaker No. 1".....	Jan. 1-Mar. 31...	Victoria Harbour.....	Rock.....	1,576	9,910 61	9,910 61	6.28
"Rockbreaker No. 2".....	Jan. 1-Feb. 28...	Nanaimo, B.C.....	Rock.....	1,194	10,828 25	10,828 25	9.06
"Drilling Plant".....		Not in commission.....				1,018 86	

DRY DOCKS.

CHAMPLAIN DRY DOCK.

During the fiscal year, the following works were executed:

Excavation.—The excavation above and below coping and the submarine excava-  
tion were completed and amounted to:—

Above coping.	{ Common excavation..	34,420 cubic yards.
	{ Rock excavation ..	3,902 " "
Below coping.	" "	17,740 " "
Submarine.	" "	10,300 " "



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*Concrete work.*—The concrete work was completed in the dock walls and pier superstructure, the total yardage of concrete laid amounted to 7,266 in the dock proper, and 7,774 for the crib superstructure.

*Granite.*—The laying of the granite was completed and amounted to 9,435 cubic feet.

*Cribwork.*—The last three cribs were set in place, the total yardage of cribwork amounted to 13,337 cubic yards.

*Gravel road, etc.*—Half of the gravel road was completed and all the bollards, capstans, lamp posts and galvanized ladders on the dock sides were set in place.

*Power house and pump house.*—The work in the power house and pump house consisted in testing and adjusting machinery, and replacing what did not fill the requirements of the specifications.

*Generally.*—As the machinery installed did not prove satisfactory when tested and inspected, deductions were made in order to guarantee the completion and for putting the machinery installation in good running order. The amount held back is \$33,755.

## ESQUIMALT GRAVING DOCK.

During the fiscal year ending March 31, 1919, the dock was occupied 206 days, in which time twenty ships were docked. Besides attending to the docking and undocking of the above ships the staff were variously employed in attending to the up-keep of machinery, buildings and grounds. The buildings have been painted and minor repairs effected where necessary, so that all are now in good condition with the exception of the lumber warehouse which will require a new roof in the near future, and the chief engineer's dwelling which requires extensive repairs and its condition is such that an entirely new house is required. The dock gate has been cleaned and painted on the exposed side, and has been provided with a small portable electrically driven centrifugal pump to be utilized for pumping the water from the caisson when same is moved from the inside to the outside berth, and thus avoid the former inconvenience of waiting for the tides. The intermediate sleeve to one of the main pumps was repaired by fixing a strengthening band round it, and both circulating pumps to the main engine and chambers were re-bored and plungers made to fit. Four of the electric light poles on the east side of the dock were renewed.

Owing to heavy motor traffic in the winter months, the condition of the roads through the grounds became very bad in wet weather. These roads were repaired with ashes, but the result was not very satisfactory, and it is advisable that a portion of the roads should be properly surfaced, while the renewal of two dolphins near the dock entrance is required, due to the action of marine borers.

The general condition of the plant is good, but the efficiency of the dock would be considerably improved by the provision of compressor and a travelling crane.

The total expenditure to March 31, 1919, was \$20,293.93.

## KINGSTON DRY DOCK.

During the year, work of renewal of cribwork above water-line along face of the wharves at the government dry dock was done to provide wharfage for vessels entering dry dock. The dock is leased to the Collingwood Shipbuilding Co., and was urgently in need of repairs.

Work was done from June 1, to January 22, at different times, and the cost was \$9,275.



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## LOCKS AND DAMS.

## QUEBEC.

## RIVER ST. CHARLES—LOCKS AND DAM.

(The description of the work to complete the proposed locks and dam has been fully covered by the annual report of 1916-17.)

The work performed during the present fiscal year is: The railway cribwork between the concrete piers of the sluiceway in the line of the dam on the north side of the river St. Charles, which had to be removed before the sluiceway could be finished, was in such bad condition that it had to be removed during the summer, and the steel girders, which were under contract with the Dominion Bridge Company, were erected to replace the cribwork to carry the railway tracks with safety. The contractors for the construction of the locks and dam abandoned their contract. The contract was afterwards officially cancelled, and the plant taken over by the Department of Public Works.

## RIVIÈRE DU LIÈVRE—LOCK AND DAM.

During the past season, the lock has been kept in operation. The booms were placed during April, May, and June, removed and placed in winter quarters in November. Minor repairs to the lockmaster's house also effected. Some 15,000 feet b.m. B.C. fir was also purchased to build a new gap boom, but, owing to the early break up of winter roads, this material could not be hauled, and was stored in Buckingham to be taken up by water early this spring.

Departmental dredge *No. 102* and plant was looked after in 1918-19; throughout the fiscal year, the hulls of all floating plant were kept pumped.

Expenditure during the fiscal year, \$2,354.41.

## YAMASKA LOCK AND DAM.

The lock and dam built between 1882 and 1885 are situated about two miles below the village of St-Michel d'Yamaska, where the Q.M. & S railway crosses the river, and where the Government built a wharf in 1909.

The dam consisted of a stone-filled crib, with plank sheathing on the upper side, 502 feet, with a stone-filled close-faced crib abutment at each end.

The lock is a masonry construction with crib guide wings at each end, 33 feet wide (inside of walls) and 125 feet between upper and lower gates, minimum draught over the sills 4.14 feet.

The reconstruction of a part of the dam started the previous year was continued.

The dam and lock being in so dilapidated a condition that its complete reconstruction would be necessary and, on the other hand, the traffic on this river is so small that it does not command such a large expenditure. In view of these facts, it has been decided not to continue the operation and maintenance of these works, and for these reasons the \$1,500 voted for partial reconstruction were not expended.

The lock was operated during the year at a cost of \$1,761.84.

## SLIDES AND BOOMS.

## OTTAWA RIVER WORKS.

## OTTAWA RIVER.

*North Chaudière Station.* The only expenditure at this station was for timber for an apron at the outlet of the lower slide.

*Cheneaux Station.*—The outlay was for linseed oil, turpentine, and paint used in repairing the boats required by the boom master and his men.



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*Tributaries of Ottawa River.*

*Gatineau River.*—Repairs to these works consisted in renewing portions of the booms and keeping the boats and station house and buildings in proper condition.

*Madawaska River.*—At Arnprior station, a temporary division was built in the centre of slide to narrow the channel, and thus reduce the area of cross section, in order to conserve the water and permit the passage of the drives when the river was at low-water stage. The chains of the guide booms were also overhauled and repaired.

The timber required to rebuild the dam at Flat Rapid station, which was delivered by rail at Arnprior, was transferred to Flat Rapids and laid up convenient to the works. At head of Calabogie lake, High Falls, Ragged Chute, and Chain Rapids stations, stone ballast was provided to fill the dams and piers at these places, and at High Falls, a new length of double boom, 48 feet, was built for service at the head of the slide; the boom is 35 inches wide, 14 inches deep, and is held together by  $1\frac{1}{2}$ -inch screw bolts.

*Coulange River.*—Two wing piers and the bulkhead pier at the entrance to High Falls slide were rebuilt. The eastern wing pier is 36 feet long, and that on western side 38 feet long, height of each being  $11\frac{1}{2}$  feet. The bulkhead pier is 14 feet long, 10 feet wide and 12 feet high. The platform of the bulkhead and the frame for the gear to raise and lower the stop-logs were also built in the new. The sides of slide, under the bulkhead, were sheathed with 3 inch hardwood plank. In a section of slide, 120 feet in length, immediately below the bulkhead, 23 posts and 4 cross sills were required, and the sides and bottom of this section were covered with 3 inch maple plank.

*Black River.*—The slide at High Falls was overhauled throughout; at several places, here and there, sheeting in sides and bottom and sills and braces had to be replaced; the iron bars in sides and bottom near the outlet were fastened and some of them had to be removed and rebored; five stop logs were made for the bulkhead, and a support pier with the usual stay was built on the shore to keep the guide boom in proper position in the channel.

*Petawawa River.*—A supply of 4 inch pine plank was purchased for repairs to slide and waste gate at Second Chute station. At head of Lake Traverse the boom was placed and attached to the support piers. At Poplar Chute, a glance pier 60 feet long, 6 feet high and 8 wide was built to keep the logs in mid-channel and prevent erosion of the bank. At Cedar Lake, the piers supporting the guide boom leading to the sluiceway required attention; one new pier was built and three others were partially rebuilt and repaired; the boom was extended 225 lineal feet; the sheeting on the booms was repaired; the bottom and sides of sluiceway were patched and fenders were placed at the corners of piers of sluiceway. An accumulation of driftwood, stumps and roots were removed from front of waste gate to relieve the pressure on the main dam.

*Dumoine River.*—At High Falls station, the floor of sluiceway for logs was repaired, and logs lodged in the sluiceway were removed. At the foot of Second Chute, two large rocks were blasted and at another place a reef 10 feet in length was also blasted. A pier dam was built in the rapids to divert the water into main channel, the structure being 31 feet long, 8 feet wide and 8 feet high.

In the spring of 1918, the water in the Ottawa river and its tributaries was not as high as usual, but it remained at a fair pitch throughout the summer especially in the month of June and altogether the season was a favourable one for the lumbermen.

**ST. JOHNS—BOOMS.**

The chef-lieu of the united counties of St. Johns and Iberville is situated on the Richelieu river, 27 miles south-east of Montreal.



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During the present fiscal year, two of the booms, 94 feet 2 inches by 4 feet and 96 feet 8 inches by 4 feet, were renewed at a cost of \$1,297.56.

A new pile cluster of 5 piles was built and others repaired at a cost of \$416.24.

## BRIDGES AND ROADS.

### NEW BRUNSWICK.

#### *St. Leonards—Van Buren Bridge.*

This bridge is located on the St. John river, between St. Leonards, N.B., and Van Buren, Maine.

During the year, 75 cubic yards of rip-rap were placed at pier No. 1 on the Canadian side, so as to protect pier from scour induced by log jams.

Work done November 1 to 14, and the cost was \$235.

### QUEBEC.

#### *Matapédia—Interprovincial Bridge.*

A contract was entered into with Messrs. Chas. McLean and James A. Reid, Dec. 3, 1918, for the renewal of flooring on Matapédia Interprovincial highway bridge, over the Restigouche river between the provinces of Quebec and New Brunswick.

Owing to the influenza epidemic, and to the unfavourable weather, the contractors did not commence work before March 22, 1919, and were granted an extension of time of two months, to April 30, 1919.

The work done up to the end of the fiscal year 1918-19, consisted in one-fourth of the new flooring being completed and 40,000 feet B.M. of lumber delivered on the site.

Expenditure, \$2,004.33.

### ONTARIO.

#### *Grand River Bridge.*

Grand River bridge is on a highway over the Grand river at York, 5 miles from Caledonia. Seneca flag station is the nearest shipping point.

During the spring freshets, serious erosions occurred to the lower part of the central pier, upon investigation it was found that the concrete in the lower portion of the pier had absolutely no strength and no cohesion whatever existed in the gravel forming the aggregate, this portion from about one foot below the water line to three feet above and throughout the whole width of the upper half of the pier was removed and replaced with new concrete, the same being reinforced by steel tie rods. A steel outwater, four feet high bending back two feet on each side of the point was placed on the upper end. On the eastern pier, a portion of the concrete of about two cubic yards was found to be disintegrated, and this was removed and replaced with new concrete at a cost of \$454.93.

#### *Portage du Fort bridge.*

The roadway planking on both bridges was repaired. On the bridge across the main channel, 900 feet B.M. of 3 inch plank were laid at different places where defects were found, and on the smaller bridge at the village, 300 feet B.M. of the same material were used in patching the floor.



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## OTTAWA.

*Laurier bridge.*

The surface of the sandstone pavement on both approaches had become so uneven, owing to wear of blocks and unequal settlement of foundations, that it was considered advisable to take up all the blocks and relay them to grade. A bed of crushed stone and sand was prepared to compensate for the wear and settlement and upon this the blocks were laid to the new grade; the exterior of the pavement was grouted and the mixture well worked into the joints.

*Union bridge.*

The roadway planking was patched and the sidewalks were repaired.

*Hull slide bridge.*

The bottom of the buckle plates, beams and posts underneath received two coats of paint after the steelwork had been thoroughly cleaned.

*Roadway and approaches, Hull and Ottawa.*

The pavement was repaired from time to time and kept up to grade. The roadway was cleaned often, the drainage basins and gratings received attention and the wooden sidewalks was patched.

## ALBERTA.

*Bow River Bridge.*

Work of repair consisted of lifting and relaying roadway decking, lifting and renewing footpath decking, adjusting elevation of bridge truss and approaches, renewal of rip-rap around piers and making good deficiencies in roadway.

Work was carried out by direct labour at a cost of \$2,343.31.

## EDMONTON.

A small amount of repair work in connection with maintenance of the bridge was incurred by the City during the present fiscal year, previous to November 30th last. The Department paid for one-third the cost of this work which amounted to \$41.04.



GOVERNMENT TELEGRAPH SERVICE.

By D. H. Keeley, General Superintendent.

Location of Lines.	Year Constructed	Length of Lines.			No. of Offices.	Messages sent.		
		Land Lines.	Cables.	Total.		1917.	1918.	1919.
Newfoundland.....	1883	14		14	2			
Nova Scotia.....	1880-1916	939½	31½	971	144	21,270	22,095	25,340
New Brunswick—								
Chatham-Escominac.....	1885	56½		56½	25	7,016	5,514	5,945
Bay of Fundy.....	1880-1916	53½	39¾	93¼	18	3,790	3,660	3,978
Quebec—								
Magdalen Islands.....	1880-1910	111½	73½	184¾	20	4,316	4,574	4,768
Anticosti Island.....	1881-1890	251½	65¼	316¾	9	1,730	1,908	1,266
North Shore St. Lawrence.....	1881-1915	1,071½	5½	1,077	77			
Chicoutimi-District.....	1881-1912	479		479	36	38,305	44,860	53,964
Quarantine System.....	1885-1912	150	21¼	171¼	25	8,038	9,674	11,332
Quebec County.....	1909-1914	102		102	19	5,963	6,231	8,404
Timiskaming.....	1910-1912	82		82	10	1,050	1,443	1,693
Ontario—								
Pelee Island.....	1889-1901	28½	17¼	45¾	18	840	850	525
Saskatchewan—								
Moosejaw-Willow Bunch.....	1885-1912	212		212	8			
Battleford-Isle la Crosse.....	1912	295		295	7	27,048	29,721	31,799
Qu'Appelle-Onion Lake.....	1883-1913	562½		562½	28			
Alberta—								
Onion Lake-Hudson Hope-Loops and branches.....	1883-1915	1,136		1,136	58	38,861	39,304	47,182
Athabasca-Ft. McMurray and branches.....	1914-1915	315		315	6			
British Columbia—								
Mainland.....	1899-1918	1,414½	8½	1,423	248	93,057	83,012	89,263
Vancouver Island.....	1896-1914	1,174¾	73¾	1,248½	154	82,559	110,906	119,593
Yukon—								
Ashcroft-Dawson-Boundary and branches....	1889-1916	3,185½		3,185½	197			
Queen Charlotte Island.....	1913-1914	123		123	13	78,091	76,045	101,975
		11,757¾	336	12,093¾	1,122	411,934	448,797	507,027



TELEGRAPH SYSTEMS OF THE DOMINION.

As a matter of general interest, pursuant to the statement submitted last year, the latest figures to hand showing the extent of telegraph lines in operation in the Dominion are as given hereunder.

Canada.	Length of Lines in Miles.				Length of Conductors in Miles.				No. of Offices.
	Aerial.	Under-ground.	Sub-marine.	Total.	Aerial.	Under-ground.	Sub-marine.	Total.	
1918-19.									
Great North Western Telegraph Co.....	10,064	7	13	10,084	31,357	192	78	31,627	
Canadian Pacific Telegraph.....	14,617	23	95	14,735	106,143	820	227	107,190	1,519
Government Telegraph service.....	11,757 <sup>3</sup> / <sub>4</sub>		336	12,093 <sup>3</sup> / <sub>4</sub>	11,757 <sup>3</sup> / <sub>4</sub>		336	12,093 <sup>3</sup> / <sub>4</sub>	1,122
Grand Trunk Pacific telegraph.....	5,279	1	1	5,279	19,525	18 25	2-19	19,545	279

REVENUE AND EXPENDITURE.

The revenue and expenditure for each of the Government lines in the several districts hereinbefore mentioned, are given in the following table:—

1918-19.	Expenditure.	Revenue.
	\$ cts.	\$ cts.
Lower St. Lawrence and Maritime Provinces—		
Anticosti lines.....	7,859 68	1,130 93
Bay of Fundy.....	3,844 77	1,271 22
Cape Breton.....	32,685 65	5,866 92
Cape Ray (subsidy).....	250 00	
Escuminac.....	1,771 18	847 33
Ile aux Coudres (subsidy).....	200 00	
Magdalen Islands.....	7,492 14	2,447 19
North Shore, east of Bersimis.....	30,656 60	10,239 93
North Shore, west of Bersimis.....	18,845 59	2,484 31
Orleans telephone.....	1,855 60	657 53
Quarantine system.....	6,848 32	288 80
Quebec County Lines.....	7,164 41	1,335 53
Prince Edward Island and Mainland.....	6,946 66	
Cable ship <i>Tyrian</i> —		
Maintenance.....	44,018 89	
Generally—		
Gulf and Maritime Provinces.....	21,704 28	
Timiskaming District—		
Telephone Line.....	2,880 72	407 95
Ontario—		
Pelee Island Telephone.....	2,849 53	89 00
North West Lines—		
Saskatchewan.....	56,215 99	8,685 85
Alberta.....	79,480 12	23,068 84
British Columbia—		
Mainland.....	61,757 23	35,205 19
Vancouver Island.....	103,353 76	39,538 65
Yukon—		
Ashcroft-Dawson.....	238,559 52	97,766 48
Telegraphic service generally.....	2,466 43	
Total.....	739,707 07	231,331 65



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Department.	No. of Telephones.		Total.	Cost per annum.
	Offices.	Residences.		
				\$
Agriculture.....	37	12	49	2,625 00
Auditor General.....	14	1	15	736 00
Canadian Trade Commission P. B. X.....	25		25	1,400 00
Census.....	1		1	80 00
Civil Service Commission.....	9	4	13	665 00
Clerk of Crown in Chancery.....	1		1	50 00
Conservation Commission, Housing.....	5	1	6	375 00
“ “ of Cabinet.....	3		3	165 00
Customs.....	23	5	28	1,187 00
Dominion Archives.....	4	2	6	300 00
Dominion Police.....	17	4	21	890 00
Exchequer Court.....	2	1	3	145 00
External Affairs.....	14	4	18	858 00
Finance.....	10	7	17	705 00
“ P. B. X.....	33		33	1,699 00
Government House.....	5	8	13	520 00
“ “ Private Line.....				123 00
“ “ P. B. X.....	18		18	1,146 00
House of Commons.....	16	1	17	685 00
Immigration and Colonization.....	13	5	18	790 00
Indian Affairs.....	13	2	15	591 00
Inland Revenue.....	8	4	12	476 00
Interior.....	109	10	119	5,319 00
“ Soldiers' Settlement Board.....	14	4	18	700 00
Justice.....	26	16	42	1,758 00
Labour.....	12	7	19	817 00
Library of Parliament.....	3	2	5	185 00
Marine.....	1	8	9	360 00
Marine and Naval P. B. X.....	71		71	2,014 20
Military Service Council, P. B. X.....	9		9	1,100 66
Militia and Defence.....	18	19	37	1,817 00
“ “ P. B. X.....	264		264	10,472 50
Mines.....	24	2	26	1,142 00
“ P. B. X.....	36		36	1,349 00
Mounted Police.....	4	3	7	280 00
Naval Service.....	6	10	16	586 66
Northwest Territories.....	1		1	50 00
Patriotic Fund Committee.....	1		1	80 00
Post Office.....	45	9	54	2,232 00
Printing and Stationery.....	20	11	31	1,298 00
“ “ P. B. X.....	49		49	1,143 00
Privy Council.....	11	5	14	703 00
“ Public Information.....	5		5	230 00
Public Works.....	64	21	85	3,831 00
Railways and Canals.....	25	11	36	1,659 00
Secretary of State.....	14	5	19	861 00
Senate.....	17	5	22	942 00
Soldiers' Civil Re-establishment.....	2	1	3	115 00
Supreme Court.....	2		2	80 00
Trade and Commerce.....	30	5	35	1,535 00
War Purchasing Commission, P. B. X.....	11		11	1,032 00
	1,163	225	1,388	59,903 02



## SESSIONAL PAPER No. 19

## CAPE BRETON.

*Conditions Generally.*—Outside of casual trouble, the lines have been continuously in operation, the traffic for the year being the largest recorded, due to active trading conditions and reopening of the pulp and paper industry within close proximity to the Englishtown office. A new telephone office was opened at Mitchell's Farm, Glencoe Mills, on February 24.

General repair work was carried on by the regular repairers, and all lines put in a state of efficiency.

## BAY OF FUNDY.

The Campobello-Quebec cable and the Seal Cove-Wood Island cable, which are broken at the date of this report, will be repaired by the cable ship *Tyrian* at the first opportunity.

There have been no serious interruptions during the year; no new offices added.

## MAGDALEN ISLANDS.

The Meat Cove cable has been interrupted since December 7, 1917, the business being handled by the Marconi Company. The Byron cable was interrupted November 16: both cables will be repaired when the ss. *Tyrian* is available. The lines will receive a general overhauling during the coming summer.

## ANTICOSTI ISLAND.

The usual general repairs were completed during the season. No additional offices opened.

## NORTH SHORE LINES.

These lines received a thorough overhauling under the supervision of the general repairers, 730 new poles being planted and 1,305 braces placed. The revenue showed a marked increase.

## QUARANTINE LINES.

Between November 27 and December 31, 1917, the following cables were broken by gas buoys drifted with the ice: Crane Island-Montmagny, Crane Island-St. Margaret Island, Isle Reaux-Grosse Island, St. Francois-Isle Reaux, and Orleans Island-Ange Gardien. All were repaired in May, 1918. The land lines gave good service throughout the year.

## PELEE ISLAND.

The cable connecting with mainland was broken by an unknown vessel in December, 1917; repairs completed May 14, 1918; again broken December 16, 1918, and will be repaired as soon as possible after the opening of navigation.

## SASKATCHEWAN.

The lines have been kept in fairly good working order; the line east of Saskatoon having deteriorated, wire was strung on the Canadian Northern Railway poles, from Humboldt to Warman, a distance of 48 miles. A severe storm in July tore up a mile of line on the Saskatoon loop, which was repaired promptly. The revenue shows a satisfactory increase over the previous year.

## ALBERTA.

The line was kept in fairly good working order throughout the year; bush fires and storms caused trouble on various parts of the circuits; repairs were effected with minimum delay.

Repairs were made to buildings at Peace River and to office dwelling and stables at Mooswa, and, at Athabasca, a wagon shed was erected and building repaired.



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## BRITISH COLUMBIA (MAINLAND).

The construction of the telephone line on the Arrow lakes was completed between Edgewood and Renata, now giving through service from Nakusp to Castlegar, at which point connection is made with the British Columbia Telephone Company's line to Nelson and Rossland. The wire was strung in on the new pole line, 14 miles from Waneta up the Pend-d'Oreille valley, and five offices opened.

Then central office on the local exchange at Athalmer was moved to Invermere, one and one-half miles and five miles of pole line constructed in and around Invermere to accommodate the several applications for telephone service.

Fifty-seven miles of line was re-poled from Tulameen to Merritt, forty-two miles from Kamloops to Barriere. An extra wire was strung in between Malakwa and Sicomous, and the circuit changed from grounded to metallic.

## KAMLOOPS-GOOSE LAKE SECTION (14 miles).

Important connection is made at Goose Lake office with the Dominion Forestry Branch line, to Fish Lake, at which point we have opened an office. This line is in very good shape, as it was only built in 1916. This line will be extended this year to Long Lake district, and serve a thickly settled district.

## MERRITT-MAMETTE LAKE SECTION (37 miles).

This extension from Merritt includes Canford spur. Two more offices were opened during the year.

## NELSON TRAIL SECTION (61 miles).

An extension from Waneta, 14 miles east up the Pend-d'Oreille valley was completed last fall, and five new offices have been opened. General repairs were carried on during the year and the various lines brought up to the proper working standard.

## VANCOUVER ISLAND.

No new construction was undertaken, operations being confined to general repairs, the service being maintained efficiently.

The cable connecting Mayne and Galiano islands was broken by a tug on October 23, and repaired October 25, 1918.

The telephone cable connecting Valdes island and mainland at Campbell River parted on February 28 and repaired on March 5, 1919.

## YUKON LINES.

General satisfaction was found with operating conditions during the year; interruptions were few and of short duration.

There was a heavy increase of business necessitating the installation of a composite system of telephone and telegraph between Hazelton and Bulkley to relieve the congestion on the single telegraph line. General repair gangs were employed on the various sections during the summer and the line put in good order.

## CABLE SHIP "TYRIAN."

On April 1, 1918, the cable between Tancook island and mainland was repaired after which the ship docked at Halifax for general repairs, and was out of commission for the remainder of the year.



## COLLECTION OF REVENUE.

By E. T. Smith, Collector of Public Works Revenue,

The revenue accounts for the year ended March 31, 1919, show a net increase in accruals of \$9,845.61, and in the amounts collected also an increase of \$1,978.59. Examination of the details show that the slide and boom dues which in the year ended March 31, 1918, were \$40,122.87 less than the previous year, are, for the year just closed, \$40,318.43 less than for the year 1917-18. This decrease seems to call for an explanation. In the accounts for the preceding year, there appeared an item of \$30,910.33 from the St. Maurice district, being amount claimed to be due to the department by the St. Maurice Boom and Driving Company as the excess of revenue collected by them over and above the cost of operation and maintenance as authorized. For the last fiscal year, the accounts of the company show that their expenditure exceeded the revenue for the year 1918-19, by \$3,393.04. This would reduce the amount claimed as above if it be found that the expenditure claimed was duly authorized, which has not at this writing been yet determined. No accruals have been charged up for the year under consideration. It seems now that upon close examination of the lease that the company is not bound to pay over to the department, or in a word, settle for surplus revenues collected until the end of the term of their lease, which will be on the 29th January next.

The Ottawa district shows a deficit of \$9,838.01, while the Newcastle district and the Saguenay show an increase of \$429.91 over the preceding year. As the Saguenay boom has never paid a sum sufficient to cover maintenance and operation, it was decided last spring not to put the same in commission. However, the parties interested were permitted to put it in place and use the boom on condition that they paid all the expenses in connection therewith.

In regard to the Ottawa river works, for some years past the revenue has not been equal to necessary expenditure, and a similar arrangement is being made with the Upper Ottawa Improvement Company to take over and operate them, and collect the authorized rates, the whole under the supervision of the Department, so that the rights of the public are fully protected.

The Gatineau boom has been handed over to the control of the Gatineau Boom Company on a slightly different understanding. The company is, of course, to maintain and operate the boom, keep it in repair, etc., collect only the rates authorized by order in council, and is to pay over to the department 90 per cent of any surplus that may be left over the cost of operation and maintenance.

The only works of this nature which we will control will be the improvements at Burleigh falls on the Trent navigation system. This is connected with the canal system, in fact being a passage provided for timber in lieu of another channel which was in use before the construction of the locks.

The last three years have been very trying ones for the lumber trade, or, more particularly, the sawn-lumber business. Owing to the scarcity of men, wages amounted to an enormous figure, while the cost of provisions increased the expense of feeding the men more than 150 per cent on what they were in 1914. It may be said that the high prices obtainable for lumber counterbalanced these disadvantages, but when it



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is realized that the demand was seriously curtailed through the war, and that practically no transportation could be had for the export of wood products to Old Country markets, the accuracy of the statement above made, I think, would be readily acknowledged.

From the other source of revenue handled in this office, we have had substantial increases, the dry-docks giving \$15,943.88 more than last year, and rents and sales \$33,797.16 more than in 1917-18. As this office does not deal with the expenditures on the different works from which we obtain revenues, these comparisons are simply in regard to the amounts collected from the different sources for the years mentioned, so that no attempt is made to show how these various revenues compare with the expenditure for the same period. I mention this because it was found that owing to the increase cost of labour, fuel, and other outlays in connection with the operation of the graving docks, it was found desirable to revise the tariff of dues charged for the use of the Levis dock and the Selkirk repair slip. New tariffs were therefore prepared during the course of the year just closed increasing the rates in both cases, and the regulations were revised in order to correspond therewith, and it is noted with considerable satisfaction that up to the present, at least, no objection from the ship-owners against the increased charges has been raised.

Similar revision of the tariff and regulations for the Esquimalt dock is under consideration.

In consequence of legislation at the session of 1918, the administration of ferries was transferred to this department from the Inland Revenue Department. As most of the revenues for the then current year had been collected by the latter department, only the sum of \$1,635.50 was collected by me during the fiscal year.

The following is a brief summary of revenue dealt with by this office:—

During the year 1918-19, the revenue accrued from public works shows an increase of \$9,845.61, being \$198,745.71, while in the preceding year it was \$188,900.10. The collections show an increase of \$1,978.59, being \$190,855.77, while in 1917-18 they amounted to \$188,877.18.

The revenue accrued from slides and booms was \$16,754.71, or \$40,318.43 less than for the year ended 31st March, 1918. The collections were \$16,763.45, or \$9,424.47 less than for the previous year. The outstanding uncollected revenue from slides and booms is \$8.74 less than last year.

The graving docks yielded \$72,428.04, or \$15,943.88 more than in 1917-18.

Sales and rents collected amounted to \$100,028.78, or \$6,176.32 less than for the preceding year.

I now submit the particulars in detail relative to the several services under their respective heads.

## SLIDES AND BOOMS.

### OTTAWA DISTRICT.

The tolls charged up amounted to \$16,039.64, or \$9,838.01 less than 1917-18. The number of saw-logs which passed through the works during the past year was 1,601,847 or 1,973,892 less than for the previous year. There were 54,368.03 cords pulpwood, or 27,905.63 more than in 1917-18. All the revenue accrued during the year was collected. Of the dues accrued since July 1, 1889, when this department took over the collection, there remains uncollected \$9,161.61. Of the dues accrued before July 1, 1889, there still remains unpaid \$56,805.65, all of which should be written off.



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The accounts for the Ottawa district stand thus:—

Dues accrued during the year.. . . . .	\$16,039 61
Outstanding March 31, 1919.. . . . .	9,161 61
	\$25,201 25
Collected.. . . . .	16,039 64
	\$ 9,161 61

being composed of:

Dues of 1889-90..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	\$6,903	05
1890-91..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	28	42
1892-93..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	379	80
1896-97..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	196	71
1903-04..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	637	37
1911-12..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	723	63
1912-13..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	251	15
1913-14..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	31
1914-15..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16	17
																		<hr/>	
																		\$9,161	61

Balance of dues outstanding prior to July 1, 1889, when this department took over the collection was \$56,805.65.

Herewith are statements in detail.

No. 1.—Statement of the number of pieces of square timber, sawlogs, etc., which passed through the Ottawa Works during the year ended March 31, 1919.

No. 2.—Statement of dues accrued from each of the slides and works of the Ottawa District during the year ended March 31, 1919.

Apart from the two accounts amounting to \$1,044.68, all the revenue from the Ottawa slides and booms, since I took charge in 1889, has been collected, excepting such as should have been written off long ago, or a few items in dispute which I expect will have to be forgiven.

The following shows a comparison between the amounts of dues accrued from the different works on the Ottawa district which will explain to a considerable extent the great falling off in the revenue and the number of pieces which passed through the works:—

	1917-18.	1918-19.	Increase.	Decrease.
Ottawa.....	\$1,806 93	\$1,146 42		\$ 660 51
Cheneaux.....	2,877 81	2,111 38		766 43
Petewawa.....	3,863 36			3,863 36
Coulonge.....	3,678 38	3,215 06		463 32
Dumoine.....	252 32	271 12	18 80	
Black River.....	6,722 18	2,375 47		4,346 71
Madawaska.....		949 23	949 23	
Gatineau.....	6,676 67	5,970 96		705 71
	\$25,877 65	\$16,039 64	\$968 03	\$10,806 04

THE ST. MAURICE DISTRICT.

I have already referred to the condition of the account as between the department and the St. Maurice River Boom and Driving Company with regard to the amount due the department under the lease of the works to this company. I would draw attention to the fact that with the exception of an item of \$3,709.62, dues of 1909-10, disputed, all the dues accrued in this department since I took it in 1892 have been collected,



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except in the amount first referred to. The amount outstanding prior to July 1, 1892, remains unchanged, namely, \$14,481.49. The number of pieces of all kinds of timber which passed through the works was equivalent to 8,972,654 pulp and sawlogs, or 1,685,879 pieces less than the previous year.

## NEWCASTLE DISTRICT.

The dues accrued amounted to \$184.57, being \$175.83 more than the previous year, which amount has been collected. The total outstanding on March 31, 1919, amounted to \$3,556.89, of which \$3,521.19 should be written off in accordance with a judgment of the exchequer court; \$35.70 will also have to be forgiven, the debtor being hopelessly insolvent at the time of his decease.

## SAGUENAY DISTRICT.

The dues accrued during the year ending March 31, 1919, amounted to \$530.50, or \$254.08 more than in 1917-18.

## GRAVING DOCKS.

## ESQUIMALT GRAVING DOCK.

The revenue collected from this service was \$34,394.45, or \$18,852.80 more than the previous year. (See statement No. 3.) The dock was occupied for 206 days during the past year, as against 109 for the previous period. It was occupied by two Government vessels for 18 days, and by other vessels 198 days. The total number of vessels was 20 of 68,095 tons.

## LEVIS GRAVING DOCK.

The revenue was \$30,502.24, or \$1,274.09 more than in 1917-18. (See statement No. 4). During the season of navigation the dock was occupied for 201 days by 11 vessels of 21,388 tons. Two Government vessels occupied the dock for 45 days of this period. During the winter of 1918-19, the dock was occupied by the steel barges *War-riner* and *Thompson*.

## KINGSTON GRAVING DOCK.

The Collingwood Shipbuilding Company, successors to the Kingston Shipbuilding Company, have paid the reduced rental authorized in 1918, namely, \$5,000 for the year ending May 1, 1918.

## SELKIRK REPAIR SLIP.

During the last fiscal year, the revenue was \$2,531.35, being \$816.99 more than the previous year. The slip was occupied for 85½ days by 23 vessels of 5,052 tons. One vessel *Wolverine*, remained on the slip during the entire winter of 1918-19. (See statement No. 5.)



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## RENTS.

During the year 1918-19, the revenue accrued from government properties from rents, sales, and interest, was \$109,139.96, or \$33,797.16 more than the previous year, the accounts stand thus:—

Balance from previous years.. . . . .		\$ 18,940 89
Accrued, March 31, 1919.. . . . .		109,139 96
		<hr/>
Collected.. . . . .	\$100,028 78	
Written of.. . . . .	9,545 83	
Balance March 31, 1918.... . . . .	18,506 24	
		<hr/>
	\$128,080 85	\$128,080 85
		<hr/>

The collections are thus \$6,176.32 less than for the preceding year. This may be accounted for because in 1917-18 considerable sums were included in settlement of rentals which had been held over from previous years in adjusting expropriated properties, and the gradual withdrawal from rental of properties given over to the use of public service. The amount written off, \$9,545.83, is composed principally of commissions deducted by rental agents and the cost of up-keep of properties expropriated in Toronto. From the amounts apparently uncollected, namely, \$18,506.24, there is one item alone, \$10,600.62, composed of a charge for Dunnville bridge, Ontario, and another for the Dundas and Waterloo road, which business came to this department from the Inland Revenue Department in 1909. These matters originated a great many years ago, and I am not aware that we were ever furnished with the details, but I take it from the condition of the accounts that they are of very doubtful value, and as for the remainder, \$7,905.62, a large portion of this has been collected since the close of the financial year.

In the administration of these properties there are serious obstacles to obtaining as favourable results, rentals, etc., as compared with the same property in the hands of private individuals. The latter can make terms, periods of leases, etc., as they see fit, but we cannot give any assurance in most cases for more than a thirty-day term, as we do not know when some of these properties may be required for Government purposes. Hence, we cannot expect to obtain as good rentals as parties who can give a lease for one or more years, and I may say here that this condition makes it difficult for our agents to retain the tenants we may have. The four agents who look after the Wellington Street property have done their work well, and I do not anticipate much loss of rent, except perhaps from unavoidable misfortune to some of our tenants.

The following is a summary of rents collected from public properties during the year ended March 31, 1919, viz.:—

Hydraulic and other rents.. . . . .	\$ 3,456 00
Ottawa, Sussex street.. . . . .	2,219 00
“ Egan block.. . . . .	350 02
“ Wellington street, north.. . . . .	23,885 04
Toronto post-office site.. . . . .	6,045 00
Province of Manitoba.. . . . .	441 00
Victoria and Vancouver, B.C.. . . . .	2,341 50
Public building sites.. . . . .	5,824 81
Sundry places.. . . . .	50,381 36
Sales and interest.. . . . .	1,576 00
Sand dredging.. . . . .	3,509 05
	<hr/>
	\$100,028 78
	<hr/>



FERRIES.

According to the statement handed to me from the Inland Revenue Department, the balance of ferry rentals due to July 22, 1918, was \$3,061.12. The accruals during the period up to March 31, 1919, were \$423, making a total of \$3,484.12. Of these amounts I collected \$1,635.50, leaving a balance due on March 31, 1919, of \$1,848.62.

For any amounts collected by the Inland Revenue Department and returned to the Receiver General between April 1, 1918, and July 22, 1918, I presume the Inland Revenue Department will show them in their report.

COMPARATIVE TABLE of Public Works Revenue accrued during the year ended March 31, 1919, compared with that of the fiscal year ended March 31, 1918, and of amounts collected on account of same.

	Year ended March 31, 1919.	Year ended March 31, 1918.	Increase, 1919.	Decrease, 1919.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Slides and booms—				
Ottawa district.....	16,039 64	25,877 65		9,838 01
St. Maurice district.....		30,910 33		30,910 33
Newcastle district.....	184 57	8 74	175 83	
Saguenay district.....	530 50	276 42	254 08	
Net decrease, \$40,318.43.....	16,754 71	57,073 14	429 91	40,748 34
Graving docks—				
Esquimalt, B.C.....	34,394 45	15,541 65	18,852 80	
Kingston, Ont.....	5,000 00	10,000 00		5,000 00
Levis, P.Q.....	30,502 24	29,228 15	1,274 09	
Selkirk repair slip, Manitoba.....	2,531 35	1,714 36	816 99	
Net increase, \$15,943.88.....	72,428 04	56,484 16	20,943 88	5,000 00
Feries.....	423 00		423 00	
Rents and Sales—				
Hydraulic rents.....	3,460 00	3,487 00		27 00
Minor public works.....	26 00	26 00		
Other public properties.....	105,653 96	71,829 80	33,824 16	
Net increase, \$33,797.16.....	109,139 96	75,342 80	33,824 16	27 00
Accrued—				
Slides and booms.....	16,754 71	57,073 14		40,318 43
Graving docks.....	72,428 04	56,484 16	15,943 88	
Feries.....	423 00		423 00	
Rents and sales.....	109,139 96	75,342 80	33,797 16	
Net increase, \$9,845.61.....	198,745 71	188,900 10	50,164 04	40,318 43
Collected—				
Slide and boom dues.....	16,763 45	26,187 92		9,424 47
Graving docks.....	72,428 04	56,484 16	15,943 88	
Feries.....	1,635 50		1,635 50	
Rents and sales.....	100,028 78	106,205 10		6,176 32
Net increase, \$1,978.59.....	190,855 77	188,877 18	17,579 38	15,600 79



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STATEMENT showing the dues accrued on the undermentioned works on the Ottawa river and its tributaries during the fiscal year ended March 31, 1919.

River or other improvements—	Amount.
Main Ottawa.. . . . .	\$ 1,146 42
Cheneaux boom.. . . . .	2,111 33
Coulonge river.. . . . .	3,215 06
Dumoine river.. . . . .	271 12
Black river.. . . . .	2,375 47
Gatineau river.. . . . .	5,970 96
Madawaska.. . . . .	949 23
	<hr/>
	\$16,039 64

STATEMENT of the number of pieces of square timber, sawlogs, etc., that passed through the Government slides and works on the Ottawa river and its tributaries during the fiscal year ended March 31, 1919.

Square timber.. . . . .	none.
Saw logs.. . . . .	1,601,847
Dimension timber.. . . . .	14,160
Cedars.. . . . .	616
Railway ties.. . . . .	22,615
Fence posts.. . . . .	6,583
	<hr/>
	1,645,821

Also 54,368.03 cords of pulpwood.  
The revenue accrued on the above was \$16,039.64.

THE DRY DOCK AT ESQUIMALT, B.C.

STATEMENT of dues and other charges collected during the year ending March 31, 1919.

Name of Vessel Docked.	Tonnage.	Period of Dockage.		Dockage Charges.	Other Charges.	Total.
		From	To			
		1918.	1918.	\$ cts.	\$ cts.	\$ cts.
D.G.S. "Lilloet".....	574	April 8..	April 12..	400 00	4 80	404 80
SS. "War Yucon".....	2,324	" 26..	May 12..	1,519 00	18 00	1,537 00
SS. "Princess Charlotte".....	3,844	June 8..	June 8..	200 00		200 00
SS. "Aikoka Maru".....	3,217	" 11..	" 12..	362 50		362 50
SS. "Monteagle".....	6,163	" 19..	" 20..	350 00	20 40	370 40
H.M.C.S. "Malaspina".....	392	" 21..	" 24..	300 00	3 60	303 60
SS. "War Nootka".....	2,324	" 26..	" 29..	724 00	13 80	737 80
SS. "Alaska".....	5,825	July 3..	July 6..	871 00	52 80	923 80
SS. "War Longhu".....	2,324	" 17..	" 20..	574 00	7 20	581 20
SS. "El Lobo".....	4,800	" 26..	Sept. 14..	5,976 00	472 80	6,448 80
SS. "War Camp".....	5,818	Sept. 14..	" 15..	492 50	24 60	517 10
			1919.			
SS. "Canada Maru".....	5,760	" 16..	Jan. 11..	15,844 00	1,326 60	17,170 60
		1919.				
SS. "War Chief".....	5,825	Jan. 15..	" 19..	871 00	3 60	874 60
SS. "Canora".....	2,382	" 20..	" 24..	752 00	205 80	957 80
SS. "Prince Rupert".....	3,379	" 27..	" 29..	370 00	24 00	394 00
SS. "Princess Maguinna".....	1,850	Feb. 11..	Feb. 18..	766 25	10 20	776 45
SS. "El Lobo".....	4,800	Mar. 3..	Mar. 4..	440 00	15 00	455 00
SS. "Prince George".....	3,372	" 20..	" 25..	710 00	42 00	752 00
SS. "Princess Beatrice".....	1,289	" 26..	" 26..	200 00		200 00
SS. "City of Portland".....	1,833	" 27..	" 29..	385 00	42 00	427 00
	<hr/>			<hr/>	<hr/>	<hr/>
	68,095			32,107 25	2,287 20	34,394 45



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THE DRY DOCK AT LEVIS, QUE.

STATEMENT of dues and other charges collected during the year ending March 31, 1919.

Name of Vessel Docked.	Tonnage.	Period of Dockage.		Dockage Charges.	Other Charges.	Total.
		From	To			
		1918.	1918.	\$ cts.	\$ cts.	\$ cts.
SS. "Northwest".....		Entry	fee.	200 00		200 00
SS. "Northland".....		"	"	200 00		200 00
SS. "John S. Thom".....		Winter	1917-18.	450 00	20 00	470 00
SS. "Fruhling".....		"	"			
	2,170	May 12..	May 13 }	7,628 60	1 50	7,630 10
SS. "Largo Law".....		Entry	fee.	200 00		200 00
SS. "Savoy".....		"	"	200 00		200 00
SS. "Plessis".....		"	"	200 00		200 00
SS. "Colomb".....		"	"	200 00		200 00
SS. "Mariska".....		"	"	200 00		200 00
SS. "Lord Strathcona".....		"	"	200 00		200 00
Schooner "G. T. L.".....		"	"	200 00		200 00
SS. "Guide".....		"	"	200 00		200 00
SS. "Largo Law".....	3,974	Oct. 9..	Nov. 20..	4,602 32	35 00	4,637 32
SS. "A. W. Thompson".....	2,279	Nov. 21..	" 28..	973 48	16 80	990 28
SS. "Northwest".....		Entry	fee.	200 00		200 00
SS. "Warriner".....		"	"	200 00		200 00
SS. "B. Stuart W.".....		"	"	200 00		200 00
SS. "Frontenac".....		"	"	200 00		200 00
SS. "Castalia".....		"	"	200 00		200 00
SS. "Colomb".....	559	Oct. 9..	Nov. 20..	800 00	2 00	802 00
SS. "Plessis".....	559	" 9..	" 20..	750 00	2 00	752 00
SS. "War Ottawa".....		Entry	fee.	200 00		200 00
SS. "War Matane".....		"	"	200 00		200 00
SS. "Thompson".....		"	"	200 00		200 00
SS. "Warriner".....		"	"	200 00		200 00
SS. "Montcalm".....	1,432	Aug. 15..	Oct. 8..	3,249 80	9 75	3,259 55
SS. "Lady Grey".....	733	" 15..	" 8..	2,550 00	5 00	2,555 00
SS. "Thunder Bay".....		Entry	fee.	200 00		200 00
SS. "War Ottawa".....	2,000	Nov. 28..	Dec. 3..	624 00	1,100 05	1,724 05
SS. "Warriner".....	2,279	Dec. 6..	" 16..	1,155 80	235 35	1,391 15
SS. "Maruba".....	2,311	" 6..	" 16..	777 32	217 50	994 82
SS. "Castalia".....	3,092	" 19..	" 22..	535 52	356 45	891 97
SS. "War Radnor".....		Entry	fee.	200 00		200 00
SS. "War Mingan".....		"	"	200 00		200 00
SS. "Montcalm".....		Telep	hone.		4 00	4 00
	21,388			28,496 84	2,005 40	30,502 24



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## THE SELKIRK REPAIR SLIP.

STATEMENT of dues and other charges collected during the year ending March 31, 1919.

Name of Vessel Docked.	Tonnage.	Period of Dockage.		Dockage Charges.	Other Charges.	Total.
		From	To			
		1918.	1918.	\$ cts.	\$ cts.	\$ cts.
Barge "Marvyl".....	225	April 29..	April 29..	45 00		45 00
Dredge No. 201.....	132	" 27..	" 27..	26 40		26 40
Str. "Wolverine".....	278	May 1..	May 10..	191 82		191 82
Str. "Goldfield".....	56	" 11..	" 17..	65 00		65 00
Barge No. 6.....	491	" 17..	" 22..	218 50		218 50
Str. "Majestic".....	127	" 23..	" 25..	25 40		25 40
Str. "Lady of the Lake".....	201	" 25..	" 29..	68 34		68 34
Str. "Majestic".....	127	" 29..	" 30..	25 40		25 40
Tug "Vaughan".....	134	" 30..	" 31..	26 80	(Mar. '19 ret.)	26 80
Barge "Lynx".....	120	June 15..	June 15..	55 00		55 00
Barge "Beaver".....	120	" 21..	" 21..	45 00		45 00
Str. "Wolverine".....	278	" 27..	" 27..	75 06		75 06
Str. "Goldfield".....	56	July 1..	July 2..	25 00		25 00
Str. "Garry".....	120	" 12..	" 13..	25 00		25 00
Barge "Ft. Alexander".....	316	" 13..	" 16..	85 32		85 32
Str. "Rocket".....	56	" 30..	" 30..	25 00		25 00
Str. "Idell".....	54	Aug. 3..	Aug. 7..	45 00		45 00
Str. "Tempest".....	75	" 21..	" 22..	25 00		25 00
Str. "J. R. Spears".....	34	" 22..	" 28..	65 00		65 00
Coal Barge D.P.W.....		June 12..	June 13..	25 00		25 00
Dredge Crane No. 202.....	233	July 9..	July 10..	46 60		46 60
Str. "Amisk".....	32	Aug. 29..	Sept. 7..	90 00		90 00
Str. "Rocket".....	56	Sept. 9..	" 9..	25 00		25 00
Str. "Lady of the Lake".....	201	" 10..	" 20..	159 80		159 80
Str. "Orion".....		" 21..	" 21..	25 00		25 00
Str. "Goldfield".....	56	" 28..	Oct. 1..	40 00		40 00
Str. "W. J. Guest".....	97	Oct. 21..	" 21..	25 00		25 00
Str. "Garry".....	120	" 26..	" 26..	25 00		25 00
Str. "Lady of the Lake".....	201	Nov. 4..	Nov. 7..	61 31		61 31
Str. "Luana".....		" 8..	" 8..	25 00		25 00
Str. "Victor".....		" 8..	" 8..	25 00		25 00
Str. "Wolverine".....	278	" 8..	" 8..	55 60		55 60
Str. "Wolverine" (winter).....	278	" 9..	" 30..	57 00		57 00
Str. "Wolverine" (winter).....		Dec. 1..	Dec. 31..	75 00		75 00
Str. "Bradbury".....	500	Aug. 9..	Aug. 20..	380 00		380 00
		1919.	1919.			
Str. "Wolverine" (winter).....		Jan. 1..	Jan. 31..	78 00		78 00
Str. "Wolverine" (winter).....		Feb. 1..	Feb. 28..	72 00		72 00
Str. "Wolverine" (winter).....		Mar. 1..	Mar. 31..	78 00		78 00
	5,052			2,531 35		2,531 35



REPORT OF THE CHIEF ACCOUNTANT.

By A. G. KINGSTON, CHIEF ACCOUNTANT.

PART I.

EXPENDITURES from Appropriations granted for Public Works.

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
		\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
PUBLIC BUILDINGS.									
Nova Scotia.									
Amherst post office, etc.		550 03		676 31	557 85	575 87	16 00		2,376 06
Annapolis immigration office			75 00						75 00
“ post office, etc.		236 64		574 73	394 28	198 00	20 00		1,423 65
Antigonish post office, etc.		63 08	30 84	500 93	556 10	257 10			1,408 05
Arichat post office, etc.		30 60		205 25	371 00	77 90			684 75
Baddeck post office.		31 85		562 06	352 50	163 19			1,109 60
Bridgewater post office, etc.		393 87		613 36	355 20	398 20	34 13		1,794 76
Canso post office		283 72		695 97	617 45	249 20	4 50		1,850 84
Dartmouth post office (new)		385 23		525 00	238 70	418 30			1,567 23
“ “ (old)		473 50		551 16	109 80	125 04	115 66		1,375 16
Digby Warne Bldg. (Fisheries Inspector's office)			30 00						30 00
“ post office.		443 97	90 00	554 24	377 09	352 05	64 00		1,881 35
Glace Bay post office.		158 73		639 90	398 26	346 25	55 00		1,598 14
Guysborough post office.		372 37		251 79	453 00	280 01			1,357 17
Halifax archives office.			225 00	18 00		12 00			255 00
“ custom house, etc.		1,080 69	76 37	6,622 59	1,278 63	691 24	548 73	133 22	10,431 47
“ Dennis Bldg. (Militia & Defence)			9,629 13						9,629 13
“ drill hall.	262 30								262 30
“ examining warehouse, etc.		54 62	1,200 00	989 00	147 50	66 68	28 36		2,486 16
“ immigration building.		33 93		286 82	1,223 45	267 65	17 40		1,829 25
“ “ office (Pier No. 2).		101 99							101 99
“ Inland Revenue office.		64 00	1,000 00				12 16		1,076 16
“ Lawlor's Island, quarantine station.		580 75							580 75
“ McCurdy Bldg. (Fisheries office)	9,581 54		191 66						10,162 29
“ Pentagon Bldg. (Labour Dept.)		262 03							262 03
“ Postal Station (North end).	23 00	58 37	245 00						326 37
“ post office.	2,814 89			6,561 90	1,662 06	2,668 55	592 69	614 42	14,914 51
“ Public Works office (Clerk of Works' residence).		29 90	32 40	28 60					90 90







## DEPARTMENT OF PUBLIC WORKS

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>PUBLIC BUILDINGS.—Continued.</b>									
<i>Prince Edward Island—Continued.</i>									
Souris post office, etc.....		514 81		565 00	455 28	175 00			1,710 09
Summerside post office, etc.....		409 89		692 89	556 11	570 20	32 25		2,261 34
Tignish post office.....		299 49	1 00	646 91	343 44	110 90			1,401 74
Minor offices throughout the province.....		149 04							149 04
<b>Totals, Prince Edward Island.....</b>	<b>3,149 91</b>	<b>4,249 57</b>	<b>534 01</b>	<b>6,339 63</b>	<b>5,140 73</b>	<b>3,045 54</b>	<b>291 25</b>		<b>22,750 64</b>
<b>New Brunswick.</b>									
Bathurst post office, etc.....		122 55		608 31	549 00	269 84	33 00		1,582 7
Campbellton post office, etc.....		442 19		715 21	711 84	559 40	52 00		2,480 64
Campobello fisheries office.....		93 25	60 00						153 25
“ post office, etc.....			60 00						60 00
Chatham post office, etc.....		138 70	45 00	522 36	472 47	548 17	24 00		1,550 70
Clair immigration office.....			80 00						80 00
Dalhousie post office, etc.....	31 80	121 72		595 01	409 00	91 25	26 00		1,274 78
Edmundston immigration office..			60 00						60 00
“ post office.....		755 91	333 33						1,089 24
Fairville post office.....		84 60	40 00	619 82	349 69	112 82	17 10		1,224 03
Fredericton custom house (old post office).....		479 80		639 85	63 80	235 92	121 50		1,540 87
“ experimental farm.....	3,877 58				996 56				4,874 14
“ post office, etc.....		254 25		832 55	1,066 27	816 04	45 78		3,014 89
Grand Falls post office.....		44 29		637 26	388 96	156 53	33 00		1,260 04
Hampton post office (Ossekeag).....		140 93	25 00	563 36	463 32	46 70			1,239 31
Hartland post office, etc.....		21 27		624 98	412 00	45 75	30 00		1,134 00
Hillsborough post office, etc.....		134 62		567 51	182 13	129 75			1,014 01
Marysville post office.....		460 74		168 05	321 38	64 30	65 50		1,079 97
Milltown post office, etc.....		389 22		468 75	457 80	302 49	21 60		1,639 86
Moncton post office.....		436 38		728 38	490 06	638 72	135 25		2,428 79
Newcastle post office, etc.....		318 35		619 06	695 96	554 18	35 00		2,222 55
Newcastle post office.....		15 28		554 96	342 17	166 99			1,079 40
Richibucto post office.....	805 46	228 78	183 75	5,456 85	3,354 70	803 13	1,555 54	203 32	12,591 53
St. John custom house, etc.....	1,478 84				2,758 61	819 73	136 95		5,194 13
“ immigration building.....									
“ post office (new).....	2,342 02	456 87	10 00	8,191 87	3,459 50	1,944 23	483 46	847 50	17,735 45
“ post office, etc. (old).....		482 54		3,013 12	2,039 99	486 87	447 18		6,469 70
“ quarantine station.....		269 54		755 00	3,100 43		1,801 72		5,926 69
“ savings bank.....	1,403 17	210 50		107 50	561 09	180 77	53 73		2,516 76



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St. John West post office.....	48 10	150 00	539 81	149 27	139 61	9 98	886 77
St. Stephen immigration office.....	13 00						163 00
“ post office, etc.....	72 09		571 31	466 98	175 17	78 42	1,363 97
Sussex post office, etc.....	182 43		562 81	242 41	152 97	82 00	1,222 62
Tracadie Lazaretto.....	1,004 62		1,440 00	2,866 17	222 86		5,533 65
Woodstock post office, etc.....	137 75		628 43	438 02	379 15		1,583 35
Minor offices throughout the province.....	352 86						352 86
Totals, New Brunswick.....	7,913 13	1,047 08	30,732 12	27,809 58	9,843 34	5,298 71	93,623 65
QUEBEC.							
Acton Vale post office.....	304 65		539 59	396 49	87 99	28 00	1,356 72
Armstrong customs and immigration building.....				70 00			70 00
Arthabaska post office.....	117 04		653 40	552 55	230 60	100 00	1,653 59
Asbestos post office.....		200 00					200 00
Aylmer post office.....	50 45		142 51	348 50	247 10	61 00	849 56
Beauharnois post office.....	30 88		21 60	120 56	67 97	59 45	605 46
Berthierville post office.....	2,43		85 33	139 22	46 67	132 00	405 65
Black Lake post office.....	102 43	150 00					252 43
Brownsburg post office.....		99 96					99 96
Buckingham post office.....	57 57		213 27	518 67	130 58	37 20	957 29
Cacouna post office.....		12 50					12 50
Cap Rouge experimental farm.....				720 66			4,842 48
Chicoutimi post office, etc.....	406 58	125 00	599 96	495 82	610 05	300 00	2,537 41
Coaticook post office, etc.....	294 31		567 66	862 59	339 37	50 00	2,113 93
Compton post office.....	5 25	110 00					115 25
Cookshire post office.....	73 80		580 86	373 35	138 37	15 00	1,181 38
Drummondville post office, etc.....	25 48		713 01	290 92	136 66		1,166 07
Dundee custom house.....	7 50		38 36	154 40	94 58		291 84
East Angus post office.....	139 06		646 86	604 49	321 50	43 00	1,754 91
Farnham experimental farm.....	193 44						193 44
“ post office.....	601 91		618 82	596 09	114 13	20 00	8,447 08
Fraserville post office, etc.....	490 76		626 32	689 23	138 06	200 00	2,144 37
Granby post office.....	209 21		580 78	760 84	253 75	150 00	1,954 58
Grand Mere public building.....							27 75
Grosse Isle quarantine station, boiler house, etc.....							117 74
“ “ new buildings, etc.....							
“ Improvements and repairs.....							
Hull post office.....	14,994 70		164 25	692 10	118 89	357 46	18,421 46
Huntington post office.....	738 76	675 00					2,071 46
Iberville post office.....	89 53		481 75	127 56	25 52	38 00	675 00
Joliette post office, etc.....	251 12		646 98	684 05	320 78	110 00	762 36
Jonquieres post office.....	125 88		586 41	390 29	120 23	13 44	2,012 93
Knowlton post office, etc.....	113 22		170 80	487 10	157 71	21 00	1,236 25
Lachine post office.....	25 85		124 96	383 72	150 56	48 26	733 35
Lachute post office.....	57 00		515 05	642 73	447 96	37 50	1,700 24
Lacolle immigration office.....		96 00		58 60	14 00		168 60
Laprairie post office.....	107 94		171 57	316 06	65 94	45 00	706 51
L'Assomption post office.....			327 91	139 41	80 26	65 00	612 58



AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
PUBLIC BUILDINGS—Continued.									
Quebec—Continued.									
Lennoxville experimental farm.....	6,581 40				407 34	88 45			7,077 19
Levis post office, etc.....	6,936 09	122 75		931 62	790 54	211 59	175 00		9,167 59
Longueuil post office.....		185 41		465 79	292 55	49 24	61 40		1,054 39
Louiseville post office.....		52 30		673 88	496 14	191 15	20 00		1,433 47
Magog post office, etc.....		445 35		540 71	590 11	200 92	78 56		1,855 65
Marieville post office.....		108 35		524 53	338 73	198 00	28 00		1,197 61
Matane post office.....		30 05		613 01	524 86	18 00	96 00		1,281 92
Megantic post office.....		153 60		590 84	673 68	336 63			1,754 75
Mont Joli post office.....		2 35	240 00	16 81	91 20	42 40			392 76
Montmagny post office, etc.....		203 55	64 00	591 24	337 45	186 77	50 00	29 20	1,462 21
Montmagny public works storage.....			50 00						50 00
Montreal Coristine Building (Trade & Commerce)			637 47		2,569 47	316 01	17 46		637 47
" custom house, etc.....	1,005 84		57 00	154 90	18 25	37 38			4,120 68
" " (canal office).....	63 54			5 08					124 25
Drummond Building (Canada Food Board)			70 00						72 75
examining warehouse (new).....	1,898 06	2 75		947 81	5,928 43	2,465 17	4,074 00	3,599 90	21,540 04
examining warehouse (old).....	1,241 14	2,626 67	26 25	206 42	3,630 28	2,304 57	1,554 99	641 29	9,604 94
forest products laboratory.....		113 75			695 55	818 20	175 72	1,733 55	3,536 77
immigration building.....	1,840 60				2,107 69	43 00	992 17	255 91	5,239 37
inland revenue building.....		466 71		377 60	879 34	124 88	793 70		2,642 23
La Sauvagerie Building (Signal service)			500 00			98			500 98
post office.....	7,765 12	2,776 54	381 75	2,227 44	8,520 19	11,039 77	4,742 54	5,265 71	42,719 06
" annex (old Herald Building)		266 55	8,092 00	93 13	752 20	148 76	349 20	403 00	10,104 84
postal station "A".....	3,109 81	123 94	33 26	18 70	1,080 11	442 18	305 55	775 71	5,889 26
postal "B".....		230 07		739 10	724 11	464 54	582 00		2,739 82
" "C".....		619 45		35 75	859 94	444 10	672 36		2,631 60
" "D".....		280 65		798 20	841 60	196 62	176 60		2,293 67
" "E".....		492 81		674 25	535 18	313 52	78 82		2,094 58
" "F".....		102 42	8 68	14 60	1,192 65	304 83	190 05		1,813 23
" "G".....	11 71								11 71
" "H" etc.....	1,251 59	218 70	92 00	108 25	2,494 79	944 97	1,766 90	2,742 54	9,619 74
" "I".....		81 69		27 80	966 32	237 90	166 20		1,479 91
" "M".....		40 46	600 00	4 40	146 05	61 62	15 00		867 53
" "N".....		31 69	6,814 80	8 80		284 11	232 80		7,372 20
" "O".....		116 55		611 70	637 99	156 48	68 10		1,590 82
" "S".....		124 22		20 80	317 29	86 22	106 76		655 29
" Delorimier Ave.....		59 86	840 00	1 00	2 56	98 46	58 20		1,060 08







AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
PUBLIC BUILDINGS—Continued.									
Quebec—Continued.									
St. George de Beauce post office.....			200 00	573 86	116 25	28 13	383 00		200 00
St. Hyacinthe inland revenue building.....	1,211 43	239 46		725 89	561 85	242 63	383 00		2,312 67
St. Jacques de l'Achigan P. O. site (fence).....		15 33							2,152 83
St. Jean custom house.....		96 18		543 34		61 21	60 00		15 83
St. Jean post office.....		176 07		306 72	527 71	185 88			760 73
St. Jean de Matha post office.....			8 33						1,196 38
St. Jerome post office, etc.....		77 57		589 17	559 67	53 93	60 39		8 33
St. Joseph de Beauce post office.....		161 37	200 00			16 63	9 00		1,340 73
St. Lambert post office.....	1,806 02	81 31		571 67	445 00	100 76	26 52		387 00
St. Rose post office.....			162 00						3,031 28
St. Therese post office, etc.....		126 86		661 75	482 31	195 91			162 00
St. Tite post office.....		8 15	200 00	1 65	223 75	58 56			1,466 83
Sayabec post office.....			125 00						492 11
Shawinigan Falls post office.....		374 35		598 51	719 60	124 95	22 92		125 00
Shawville post office.....		24 20		599 82	458 59	225 80			1,840 33
Sherbrooke post office, etc.....		866 95	150 17	1,134 90	1,119 60	531 10	83 68		1,308 41
“ post office inspector's office.....		90	996 00			13 65			3,886 40
“ public works dept. (engineer's office)...			1,333 50						1,010 55
Sorel post office, etc.....		951 42		664 18	854 29	447 03	256 80		1,333 50
Spirit Lake (Pontiac Co.) Experimental farm...					242 25				3,173 72
Stanstead Plain post office.....			113 00						242 25
Terrebonne post office, etc.....		42 00		352 25	434 99	85 50	17 00		113 00
Thetford Mines post office, etc.....		714 55		170 90	382 37	279 05	15 00		931 74
Trois Pistoles post office.....			75 00						1,561 87
Trois Rivieres paymaster's office.....			40 00						75 00
“ post office, etc.—temporary.....		32 04	15 75	836 30		130 92	43 01		40 00
“ (Inspector's office).....			35 00	35 00		1 28			1,058 05
“ (new).....	6,984 68	416 01	25 00	1,032 87	885 05	423 37		2 16	71 28
Valleyfield post office, etc.....		136 45		960 31	684 46	201 80	90 00		9,769 04
Verdun post office.....			340 00		14 94				2,073 02
Victoriaville post office, etc.....		85 57	1 00	341 77	437 79	199 60			354 94
Minor offices throughout the Province.....		1,312 54		50 00	42 94				1,065 73
Quebec Province Generally.....					61 86				1,405 48
Totals, Quebec.....	77,275 64	46,971 44	46,505 31	195,790 02	77,925 04	47,527 74	25,404 19	20,230 85	537, 660 23



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Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Sundry Main- tenance.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Power.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
OTTAWA BUILDINGS.— <i>Departmental buildings.</i>									
Hunter building.....	1,000,104 11								1,000,104 11
West Block, McKenzie wing repairs, metal covering.....		2,354 07							2,354 07
Parliament buildings-restoration.....	2,263,048 56								2,263,048 56
Parliament and Dept. bldgs.—Generally.....									
(Library of Parliament, East, West, Langevin and Connaught blocks).....					50,806 56	77,034 95	25,746 72		153,588 23
Grounds, including Major's Hill park.....			3,566 82		420 00	427 52	466 86		4,881 20
Macerating plant—Currency branch Depart- ment of Finance.....	761 87								761 87
Power for elevators.....								31,492 38	31,492 38
Repairs, furniture, etc.....		434,218 88							434,218 88
Steel fittings.....	75,080 57								75,080 57
Telephone service.....			62,009 84						62,009 84
Sites for new departmental buildings— Wellington street, West.....	4,787 15								4,787 15
Maintenance of acquired properties— Sussex street.....		692 12			450 00	989 07	57 97		2,189 16
Wellington street, East.....		7,792 85			420 00	568 91	201 12		1,190 03
“ “ West.....					4,609 92	11,736 96	1,576 92		25,716 65
Archives building.....					1,320 00	927 63	320 23		2,567 86
Astronomical observatory.....			2,899 49			1,302 86	785 19		4,987 54
Biological laboratory.....						961 17	92 28		1,053 45
Experimental farm.....	29,225 89					7,438 67	489 41		37,153 97
Fuel testing building.....						2,317 13	593 38		2,910 51
Geodetic building.....					450 00	1,356 63			1,806 63
Mines building (Sussex street).....					3,300 00	2,078 13	3,011 85		8,389 98
National art gallery.....	1,098 50		6,894 50						7,993 00
Post-office.....					6,919 92	4,937 57	875 65		12,733 14
Printing bureau (Freight elevators).....	6,178 98					14,239 65	4,365 67		24,784 30
Public Works (Workshop).....					1,080 00	3,264 73	237 74		4,582 47
Rideau Hall.....	1,494 48	23,769 98							25,264 46
“ ground, green houses.....			13,612 41		420 00	704 85			14,737 26
“ snow.....			2,153 00						2,153 00
“ fuel and light.....			17,000 00						17,000 00
“ watchman.....			840 00						840 00
Royal mint.....					900 00	6,576 10	228 15		7,704 25
Supreme court.....					1,839 96	1,689 80	242 64		3,772 40
Victoria Island shipyard.....					450 00		217 26		667 26
Victoria Memorial Museum.....					11,643 42	13,748 56	2,530 57		27,922 55
Sundry rented buildings.....				643,685 01	40,241 62	24,149 04	15,523 02		723,598 69
Totals, Ottawa buildings.....	3,381,780 11	468,827 90	108,976 06	643,685 01	125,271 40	176,449 93	57,562 63	31,492 38	4,994,045 42



Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
PUBLIC BUILDINGS—Continued.									
Ontario.									
Acton post office, etc.		10 90		617 96	881 74	103 96			1,614 56
Alexandria post office, etc.		42 94		511 27	318 22	222 30	7 50		1,102 23
Almonte post office, etc.		228 58		650 02	884 11	284 68	83 00		2,130 39
Amherstburg post office, etc.		78 46		562 61	393 55	66 99	35 00		1,136 61
Arnprior post office, etc.		57 20		611 16	374 24	338 58	32 00		1,413 18
Athens post office, etc.		55 68		90 81	420 83	90 82			658 14
Aurora post office, etc.		123 24		631 61	357 19	31 57	16 00		1,159 61
Aylmer post office, etc.		53 90		622 16	546 96	220 35	26 66		1,470 03
Barrie post office, etc.		423 28		610 69	414 50	285 03	50 00		1,783 50
Belleville income tax office.			140 00						140 00
“ post office, etc.		435 95		892 63	1,238 11	848 81	72 75		3,488 25
Blenheim post office.			200 00						200 00
Bowmanville post office, etc.		69 71		514 10	382 69	109 17	49 92		1,125 59
Bracebridge post office, etc.		112 06		632 71	515 69	111 50	11 17		1,383 13
Brampton post office, etc.		51 80		641 28	425 35	121 41	24 10		1,263 94
Brantford post office, etc.		249 72		6,052 32	1,926 95	343 51	85 89	335 42	8,993 81
Bridgeburg post office, etc.		538 97		379 88	401 21	194 25	20 00		1,534 31
Brighton post office.			100 00						100 00
Brockville post office, etc.		531 74		1,120 91	757 50	807 68	153 00		3,370 83
Burford post office, etc.		12 56		549 96	473 70	64 91			1,101 13
Cardinal post office.		23 55		16 09	306 10	27 66	15 00		388 40
Carleton Place post office, etc.		1 86		611 91	339 33	131 81	31 52		1,116 43
Cayuga post office.		306 23		318 50	140 13	111 01			875 87
Chatham post office, etc.	22 72	178 27		633 95	242 72	226 74	18 09		1,322 49
Chesley post office, etc.		3 90		614 13	508 36	175 48	25 00		1,326 87
Clinton post office, etc.		157 75		274 32	553 32	108 78	17 37		1,111 54
Cobalt post office.		57 35	2,000 00			174 51			2,231 86
Cobourg post office, etc.		853 83		667 30	450 54	245 79	50 75		2,268 21
Collingwood post office, etc.		138 95		922 12	1,139 26	253 20	82 31		2,535 84
Cornwall post office, etc.		208 39		912 94	951 00	341 08	75 00		2,488 41
Deseronto post office, etc.		17 70		585 82	261 82	417 55	39 00		1,321 89
Dresden post office.		20 78		611 20	391 27	169 98	37 19		1,230 42
Dundas post office.		96 36		730 41	499 83	175 57	27 26		1,529 43
Dunnville post office (site).	74 12								74 12
Eganville post office, etc.		20 95		630 28	335 36	174 63	34 00		1,195 22
Elmira post office, etc.	1,037 68			648 22	651 36	65 77	10 24		2,413 27
Elora post office.		23 63		668 76	308 32	89 53		6 00	1,096 24
Essex post office.		10 50		660 58	210 98	100 83	37 50		1,020 39







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Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
		\$	cts.	\$	cts.	\$	cts.	\$	cts.
PUBLIC BUILDINGS—Continued.									
Ontario—Continued.									
Mitchell post office.....		1 75		618 98	652 83	53 55	82 00		1,409 11
Mount Forest post office.....		28 30		418 40	369 95	147 59	14 34		978 58
Napance post office.....		52 76		606 60	309 14	215 04	72 41		1,255 95
Newmarket post office, etc.....		171 27		722 04	381 75	62 64	13 96		1,351 66
Niagara Falls post office, etc.....		431 51		715 29	598 87	118 91	55 99		1,920 57
North Bay post office, etc.....		238 51	15 00	1,039 59	979 70	273 28	36 00		2,582 08
Norwich post office, etc.....		14 00		723 52	303 22	95 66	25 00		1,161 40
Orangeville post office, etc.....		570 30		649 80	319 80	55 01	20 00		1,614 91
Orillia post office, etc.....		368 66		634 22	1,051 30	217 60	23 40	16 15	2,311 33
Oshawa post office, etc.....		101 56		806 07	489 33	142 87	26 11		1,565 94
Owen Sound post office, etc.....		526 23		805 73	702 27	177 52	61 78		2,273 53
Palmerston post office, etc.....		77 68		651 84	338 56	196 72	34 00		1,298 80
Paris post office.....		1 00		552 92	402 40	90 20	45 60		1,092 12
Parkhill post office, etc.....		317 54		203 02	373 16	36 42			930 14
Pembroke post office, etc.....		564 50		651 27	533 03	384 61	40 00		2,173 41
Perth inland revenue office.....	4 24		310 81						315 05
Peterboro' custom house.....		170 75		583 32	536 25	99 33	50 00		1,439 65
" post office.....		610 26		918 32	858 19	264 92	75 00		2,726 69
" weights and measures.....			250 00						250 00
Petrolia post office, etc.....		38 80		467 75	229 25	142 05	47 76		925 61
Picton post office, etc.....		277 29		579 14	800 35	131 99	26 75		1,815 52
Port Arthur examining warehouse, etc.....		60 40	53 75	4,433 94	1,316 50	328 66	381 50	539 36	7,114 11
" immigration building.....							0 90		0 90
" post office, etc.....	10 84	66 19		547 13	617 41	271 42	52 53		1,565 52
Port Colborne post office.....		1,836 48		567 74	171 85	135 85	20 00		2,731 92
Port Hope post office, etc.....		76 50		659 47	365 27	496 56	9 54		1,607 34
Port Perry post office.....		6 82		607 39	421 87	169 71	44 00		1,249 79
Prescott custom house.....		20 99		94 12	339 37	35 89	60 00		550 37
" post office.....		68 65		1,028 49	369 38	131 73	60 00		1,658 25
Preston post office, etc.....		104 80		611 69	503 48	126 34	66 02		1,412 33
Renfrew post office, etc.....		70 60		686 04	638 59	213 47	27 00		1,635 70
Ridgetown post office.....			300 00						300 00
St. Catharines income tax office.....		3 00	250 00						253 00
" post office, etc.....		178 51		629 72	880 54	242 70	153 89		2,085 36
St. Mary's post office, etc.....		105 87		525 82	467 60	140 42	29 42		1,269 13
St. Thomas post office.....		745 87		514 83	443 09	202 49	15 47		1,921 75
Sandwich post office, etc.....		263 33		584 05	332 21	53 55	27 65		1,260 79
Sarnia post office, etc.....		138 90		713 01	546 47	202 46			1,600 84
Sault Ste. Marie post office, etc.....	1,197 20	645 53	83 00	2,209 96	1,131 40	723 50	64 86	415 71	6,471 16
Seaforth post office.....		157 14		582 57	360 61	144 13	16 00		1,260 45











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Winnipeg Advocate building (gas and elec. insp.)..	1,293 47	20 45	750 00	119 66	.....	.....	.....	2,183 58
" Boyd building (Archives, etc.).....	.....	99 00	1,600 00	.....	.....	15 00	.....	1,714 00
" Chamber of Commerce Bldg. (Interior Dept.).....	.....	16 80	3,855 00	.....	.....	73 29	.....	3,945 09
" custom house (old post office).....	1,222 36	501 60	.....	8,113 99	.....	822 38	125 20	13,578 79
" drill hall (Main).....	4,987 86	.....	.....	.....	.....	.....	.....	4,987 86
" examining warehouse.....	2,270 54	.....	.....	8,465 09	.....	453 24	580 69	17,073 45
" grain warehouse.....	.....	.....	.....	.....	.....	.....	.....	.....
" immigration buildings.....	609 10	2,072 47	37 52	.....	.....	1,625 29	680 26	10,569 38
" Notre Dame Investment Bldg. (Lands Inspector's office).....	.....	14 10	2,237 75	9 00	.....	31 38	.....	2,292 23
" post office, etc.....	8,569 00	1,268 25	132 75	13,809 76	.....	3,070 79	700 23	35,564 41
" postal station "A".....	.....	753 59	.....	308 10	.....	151 48	.....	1,247 68
" "A" (new).....	5,798 59	.....	.....	.....	.....	.....	.....	5,798 59
" "B".....	.....	1,459 34	.....	2,441 50	.....	156 71	130 24	5,175 45
" "C".....	.....	3 50	1,250 00	363 64	.....	92 81	.....	1,713 33
" "D".....	.....	10 60	1,600 00	402 19	.....	123 71	26 40	2,444 59
" Scott Block (Food control, etc.).....	.....	75 25	2,790 00	.....	.....	.....	.....	2,865 25
" To pay Govt's share re local impts.....	15,264 49	.....	.....	.....	.....	.....	.....	15,264 49
" Tribune Bldg. (Labour Dept.).....	.....	174 50	200 00	.....	.....	.....	.....	374 50
" Trust and Loan Bldg. (Income Tax office).....	.....	720 00	1,500 00	.....	.....	.....	.....	2,220 00
" Union Bank Bldg. (War Tax office).....	.....	100 40	112 50	.....	.....	4 81	.....	117 31
" Union Station mail room.....	.....	.....	2,416 00	6,480 00	.....	663 92	.....	2,516 40
" Generally.....	.....	63 65	.....	.....	.....	.....	.....	7,143 92
Minor offices throughout the Province.....	.....	.....	.....	.....	.....	.....	.....	63 65
Totals, Manitoba.....	43,890 48	9,785 73	22,896 88	51,173 67	32,499 29	10,680 04	2,680 97	174,646 85
PUBLIC BUILDINGS.	.....	.....	.....	.....	.....	.....	.....	.....
Saskatchewan.	.....	.....	.....	.....	.....	.....	.....	.....
Battleford post office, etc.....	.....	210 80	.....	723 40	56 00	386 53	76 34	1,453 07
Biggar immigration building.....	.....	23 80	.....	.....	.....	.....	.....	23 80
Estevan post office, etc.....	1,620 00	195 25	.....	578 00	211 70	217 12	24 45	2,846 52
Gravelbourg post office, etc.....	.....	318 30	.....	175 00	272 50	84 00	18 40	868 20
Hudson Bay Junction forestry office.....	.....	.....	54 00	.....	.....	.....	.....	54 00
Humboldt post office, etc.....	.....	229 75	.....	814 50	1,075 20	214 52	79 12	2,413 09
Indian Head experimental farm.....	.....	.....	.....	.....	709 60	322 95	257 41	1,584 95
" fisheries inspector's office.....	.....	48 40	171 00	5 45	10 70	1 50	.....	237 05
" forest nursery station.....	.....	182 75	.....	.....	1,198 27	.....	120 46	1,501 48
" forestry office.....	.....	.....	516 00	.....	.....	20 51	.....	536 51
Kerrobert immigration building.....	294 99	7 64	1 00	.....	.....	.....	.....	8 64
Lloydminster post office, etc.....	.....	792 80	.....	726 15	496 80	215 03	.....	2,230 78
Maple Creek forestry office.....	.....	.....	105 00	.....	.....	.....	.....	105 00
" lands office.....	.....	.....	600 00	.....	.....	.....	.....	600 00
" post office, etc.....	.....	383 58	.....	241 12	317 66	123 40	54 00	1,119 76
Melfort post office, etc.....	.....	372 25	.....	765 11	954 55	222 34	36 00	2,350 25
Moosejaw immigration building.....	.....	34 80	.....	.....	.....	19 62	9 00	63 42
" post office, etc.....	2,254 28	671 23	300 00	4,259 08	3,295 01	1,387 75	198 95	12,862 90



AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
PUBLIC BUILDINGS.—Continued.									
Saskatchewan—Continued.									
Moosomin lands office.....			182 67						182 67
North Battleford immigration building.....			1 00				15 95		61 76
“ post office, etc.....	1,298 06			1,064 50	19 00	25 81	297 99		4,288 51
North Portal immigration building.....		45 00	1 00		23 35				69 35
Prince Albert immigration building.....		24 50			187 50	9 55	5 20		226 75
“ Inspector of taxation office.....			30 00						30 00
“ post office, etc.....		612 70		2,177 39	1,875 00	911 54	90 91		5,667 54
“ public works dept. (Engineer's office).....			1,100 00			11 00			1,111 00
Regina Asst. Receiver General's office.....	5,111 07	1,078 40		1,043 12	591 13	41 38	16 68	16 86	7,898 64
“ Canada Life Bldg. (Canada Food Board).			256 00						256 00
“ examining warehouse.....		166 61		631 40	485 57	86 20	13 69	45 17	1,428 64
“ inland revenue office.....		2 00	2,010 00			31 21			2,043 21
“ McCallum-Hill building (Agriculture, etc)		24 19	1,414 20			24 58			1,462 97
“ post office, etc.....		1,508 15	35 00	4,278 74	1,300 19	1,915 64	348 51	314 59	9,700 82
“ postal station “A” (C.P.R. stn.).....		140 85	3,240 00	9 25					3,390 10
“ Simpson Building (Parcel Post).....			1 00						1 00
Rosthern experimental farm.....	1,206 00				334 05				1,540 05
Saskatoon Canada Building (Inland Rev., etc.)...		2 00	1,428 00			32 55			1,462 55
“ custom house.....			4,200 00			208 70			4,408 70
“ examining warehouse.....		78 96	1,363 33			14 78			1,457 07
“ forest nursery station.....		384 60			723 45		11 66		1,108 05
“ immigration building.....		85 40			227 20				343 64
“ lands office.....		108 00	2,400 00			19 38			2,508 00
“ mail room (C.P.R. station).....		291 50	180 00						471 50
“ “ (C.N.R. station).....		114 95							114 95
“ post office, etc.....	1,050 90	1,663 84		2,586 21	1,243 42	844 18	71 27	6 00	7,465 82
“ weights and measures office.....			660 00						660 00
Scott experimental farm.....	597 27				317 75	85 44			1,000 46
Sutherland forest nursery station.....	11,527 50								11,527 50
Swift Current lands office.....		404 03	1,439 91						1,843 94
“ post office.....			1,800 00			258 16			2,058 16
Tisdale immigration building.....		4 00		52 50					56 50
Unity immigration building.....					57 65				57 65
Wadena immigration building.....		19 11	1 00						20 11
West Poplar River immigration building.....	375 50				6 40				381 90
Weyburn post office, etc.....		1,026 10		749 60	645 02	407 81	84 75		2,913 28
Wilkie immigration building.....		17 70							17 70
Yorkton post office, etc.....		202 65		717 42	906 15	651 09	65 45		2,542 76



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Minor offices throughout the province. Saskatchewan Dominion buildings generally.	143 07	23,490 11	21,597 94	18,852 59	225 36	879 22	143 07 225 36
Totals, Saskatchewan.	11,619 66	23,490 11	21,597 94	18,852 59	225 36	879 22	113,007 10
Alberta.							
Athabaska immigration building.		15 00		90 50			105 50
Bassano post office, etc.	201 50		497 60	513 45	237 67		1,482 07
Calgary Asst. Receiver Genl's office.	318 85		355 16	181 60	52 35	31 85	5,958 50
" Blow building (Irrigation).	666 84	11,235 60	860 05		197 20	21 04	12,959 69
" Board of Trade Building (Weights and Measures office).	2 98	270 94			13 28		287 20
" Cadogan Building (Inland Revenue).		450 00					450 00
" Canada Life Building (P.O.D. and I.R.).	274 79	5,175 00			58 10		5,507 89
" custom examining warehouse.	1,687 27		4,621 06	1,638 65	563 65	1,080 39	14,597 81
" Dominion Bank Building (Forestry Office)	66 00						66 00
" drill hall.							80,710 47
" Herald Building (Ry. Com.)		1,260 00			10 38		1,270 38
" immigration building.	48 87	10 00					58 87
" Judge Travis Building (Immigration).		40 00			0 75		40 75
" Lancaster Building (P.O.).	348 75	4,391 57	307 58	167 10	170 49		9,765 25
" Leeson-Linchem Building (Interior D.).	105 90	480 00					585 90
" Loughheed Build (P.W. Architect's office)			61 50				61 50
" post office (temporary).	415 44	6,093 75	2,581 98	1,034 55	793 68	97 22	11,117 47
" seeds office.	13 75	1,500 00	0 35		10 80	100 85	1,524 90
" Thomas Building (Interior D.).		3,855 40			23 52		3,878 92
" generally.					232 50		232 50
Castor immigration building.				12 10			12 10
Coutts immigration building.		8 50					1,863 74
Edmonton Agency Building (Fisheries Insp.).	1,855 24	260 00					260 00
" examining warehouse.		4,200 00					4,200 00
" Food board.		200 00					200 00
" Govt. share re pavement on Jasper Av.				542 41			21,159 75
" immigration building.	198 50	1 00			71 66	49 77	863 34
" lands office.		4,890 00	314 65		276 57		5,481 22
" McLeod Building (National service).	7 00	870 00			1 40		878 40
" post office, etc.	3,363 67	204 00	7,793 84	1,599 68	1,674 95	104 42	15,055 30
Edmonton South (Strathcona) immigration bld.	2 80					314 74	2 80
" " post office, etc.	600 50		1,073 15	481 51	177 21	61 96	2,394 33
Edson immigration building.				120 00			120 00
Entwistle immigration building.	101 54	3 00					104 54
Falher immigration building.		600 00		125 00			725 00
Grande Prairie immigration building.	3 00	5 00		193 65			201 65
" " lands office.		120 00					1,182 70
" " temporary.	190 30						190 30
Grouard immigration building.		325 00					325 00
" " lands office.	50 00						50 00
High Prairie lands office.	103 51	900 00	24 00				1,027 51
Lacombe experimental farm.	468 10			1,311 39	259 83	12 00	2,051 32



AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
PUBLIC BUILDINGS—Continued.									
Alberta—Continued.									
Lethbridge experimental farm.....	1,174 05				477 06	129 48			1,780 59
“ immigration building.....		22 45			28 35	6 40	12 80		70 00
“ post office, etc.....		974 72		5,652 12	1,528 25	691 33	188 45	335 20	9,370 07
Macleod custom house.....					79 10	42 94	31 41		153 45
Medicine Hat immigration building.....			40 00	6 00					46 00
“ post office, etc.....	1,005 50	237 09		1,705 50	283 12	531 37	118 07		3,880 65
Peace River Crossing immigration building.....			10 00		180 00				190 00
“ lands office.....			720 00		180 83				900 83
“ post office.....			235 00						235 00
Pincher Creek forestry office.....			360 00						360 00
Red Deer public building.....		54 53		807 90	411 15	57 12	40 30		1,371 00
Rocky Mountain forestry office.....		220 35	300 00		30 25				550 60
Spirit River immigration building.....		40 35	10 00		25 00				75 35
Vermilion immigration building.....			2 50						2 50
“ post office.....					355 00				355 00
Viking immigration building.....		35 08							35 08
Wainwright immigration building.....		19 00			77 69				96 69
Wetaskiwin immigration building.....		13 20							13 20
“ post office.....	2,817 45	10 00		718 15	15 75	294 39	30 85		3,886 59
Minor offices throughout the Province.....		383 38			72 00				455 38
Totals, Alberta.....	123,829 46	10,781 91	49,041 26	27,380 59	11,755 14	6,579 02	1,639 99	1,831 18	232,838 55
British Columbia.									
Agassiz experimental farm.....	1,894 12				1,322 72				3,216 84
Alberni post office (old).....			80 00						80 00
Ashcroft post office.....		121 45		1,069 81	205 63	403 83	104 00		1,904 72
Atlin post office, etc.....		810 27		174 20	195 50	113 50			1,293 47
Chase Public Works D. (engineer's office).....			30 00		109 72	19 85	9 00		168 57
Chilliwack post office, etc.....		18 15		622 66	373 24	71 80	36 00		1,121 85
Comox post office, etc.....		34 70		290 99	459 26	33 75			818 70
Cranbrook post office, etc.....		33 30		1,061 53	707 32	472 74	53 19		2,328 08
Cumberland post office, etc.....		526 56		670 12	9 00	243 02	55 00		1,503 70
Douglas immigration building.....		41 95			37 50	12 27			91 72
Duncan post office, etc.....		104 70		927 04	506 50	292 81	30 00		1,861 05
Fernie post office, etc.....	223 13	102 40		898 31	406 80	151 80	44 55		1,826 99
Field post office, etc.....		45 00							45 00
Glacier post office, etc.....		1 50							1 50
Grand Forks post office, etc.....		91 80		891 36	771 35	226 75	70 00		2,051 26







AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—Continued.

Name of Building	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heatings.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—Continued.									
British Columbia—Continued.									
Victoria Ames-Holden Bldg. (exam. warehouse)...		562 71	3,600 00	972 10	120 60	134 64	13 24	72 00	5,475 29
" astrophysical observatory (Little Saan- ich Mountain).....		2,933 54		1,647 45	176 55	841 00		249 42	5,847 96
" fumigating plant (C.P.R.) wharf.....			30 00						30 00
" hydro-survey.....			480 00						480 00
" immigration building.....	1,889 62				786 27	490 00	416 93		3,582 82
" meteorological observatory.....		179 40		951 13	164 93	123 56	19 29		1,438 31
" old custom house (Marine office).....		748 34		959 58	356 61	84 03	21 08		2,169 64
" post office, etc. (new).....	1,393 14	1,661 73	223 50	12,956 92	1,514 53	1,472 85	85 77	819 00	20,127 44
" " (old).....	1,578 47	389 13		414 80	98 18	74 84	94 74		2,650 16
Williams Head Quar. Stn. land and new bldgs....	9,503 85								9,503 85
" " repairs to existing bldg....		2,932 85			8,145 52				11,078 37
" " water supply.....	125,198 74		118 00			5 23			125,198 74
Minor offices throughout the province.....		204 25							327 48
Totals, British Columbia.....	157,213 60	23,667 82	33,970 08	66,169 42	31,649 51	16,178 16	2,266 22	2,916 10	334,030 91

Name of Building.	Construction and Improvement	Repairs.	Staff and Maintenance.	Total.
PUBLIC BUILDINGS.				
Yukon Territory.				
Heating, lighting, water, etc., for all public buildings in Yukon Territory.....			38,005 94	38,005 94
Total, Yukon Territory.....			38,005 94	38,005 94
Generally.				
Advertising coal tenders-Dominion buildings. ....			3,485 62	3,485 62
Post office fittings and supplies, stock stored at Toronto for distribution throughout the provinces. ....	13,340 51			13,340 51
Flags for Dominion public buildings.....			5,012 98	5,012 98
Printing, stationery, instruments, travelling, etc.....			22,589 96	22,589 96
Salaries of resident clerks of works, etc.....			52,129 32	52,129 32
Totals. Generally.....	13,340 51		83,217 88	96,558 39



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919.

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS.</b>					
<i>Nova Scotia.</i>					
Abbott's Harbour.....	9,200 50				9,200 50
Anderson's Cove, breakwater.....			1,194 64		1,194 64
Annapolis Royal, pier.....			149 56		149 56
Antigonish Landing, wharf.....		3 95			3 95
Argyle Sound, wharf.....			101 10		101 10
Arichat wharf, (Shed).....			39 68		39 68
Arisaig, wharf.....			441 94		441 94
Avonport, wharf.....			500 20		500 20
Babin's Cove, wharf (Shed).....		434 22			434 22
Baily's Brook, protection piers.....		694 20			694 20
Barachois, training pier.....			60 00		60 00
Barrington's Cove, Sydney Mines, wharf reconstruction.....		1,063 54			1,063 54
Battery Point breakwater, reconst., etc..		3,752 98			3,752 98
Bay St. Lawrence, breakwater.....			344 27		344 27
Bear River, repairs to warping pier.....	25 00				25 00
Big Bras d'Or, wharf.....			220 00		220 00
Breen's Pond, breakwater.....			1,191 04		1,191 04
Breton Cove, wharf.....			270 10		270 10
Burke's Head, breakwater.....		111 72			111 72
Burlington, wharf.....			1,142 23		1,142 23
Canning, wharf.....			498 70		498 70
Cape Sable Island (east end) breakwater			148 75		148 75
Cheggoggin breakwater.....			368 47		368 47
Chester Basin (Lunenburg Co.) abutm'ts			102 16		102 16
Cheticamp wharf.....			416 60		416 60
Chimney Corner (Inverness Co.) wharf ..		1,156 21			1,156 21
Church Point, wharf.....			500 00		500 00
Cow Bay (Port Morien), breakwater.....			4,037 83		4,037 83
Cribbin's Point, wharf.....		1,796 71			1,796 71
Deep Brook (Antigonish Co.) wharf.....			99 97		99 97
Delaps Cove, removal of rocks.....		100 00			100 00
Devil's Island, breakwater.....			121 82		121 82
Digby, pier renewals.....			4,255 17		4,255 17
East Chezzetcook, wharf.....			310 54		310 54
East River (Pictou Co.) improvements..		3,108 66		1,071 94	4,180 60
Feltzen South, breakwater.....			873 89		873 89
Feltzen South, wharf.....			630 02		630 02
Five Islands, wharf.....			503 10		503 10
Fourchu.....	5,384 51				5,384 51
Fox Island, breakwater approach.....			36 72		36 72
Freeport, breakwater.....			1,263 00		1,263 00
French Village, wharf.....			1,222 45		1,222 45
Fruid's Point wharf.....			654 26		654 26
Gabarous, breakwater.....			699 59		699 59
Gabarous Harbour, beach protection.....			100 00		100 00
Georgeville, wharf.....			75 66		75 66
Glace Bay, protection works.....			1 00		1 00
Grand Etang, protection works.....			649 99		649 99
Grand Narrows, wharf.....			147 91		147 91
Great Village, wharf.....			340 85		340 85
Halifax Graving dock.....		35,349 68			35,349 68
" Gun wharf.....		4,591 24			4,591 24
" King's wharf.....	34 20				34 20
" Lawlor's Island quar. sta. wharf			413 53		413 53
Hampton, Breakwater.....			300 48		300 48
Harbour au Bouche, wharf.....			760 08		760 08
Herring Cove, wharf.....			207 77		207 77
Inverness breakwater extension.....		7,130 00			7,130 00
" harbour improvements.....		564 73			564 73
Iona, wharf.....			280 16		280 16
Isaac Harbour, wharf.....			282 29		282 29
Jamesville, breakwater.....		1,511 07			1,511 07
Johnston's Hr. (Richmond Co.) wharf....			60 05		60 05
Judique (Baxter's) wharf.....			201 02		201 02
Kelly's Cove, Breakwater.....		1,700 04	34 75		1,734 79



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
HARBOURS & RIVERS.					
<i>Nova Scotia (Continued).</i>					
Kingsport.....	20 00				20 00
Kraut Point, wharf.....			194 86		194 86
L'Ardoise, breakwater.....			1,776 97		1,776 97
Little Brook (Digby Co.) breakwater.....			1,975 98		1,975 98
Little Narrows, wharf.....			30 00		30 00
Little River (Digby Co.) breakwater.....		471 95			471 95
" " " wharf.....			1,198 46		1,198 46
Livingstone's Cove, wharf.....		674 25			674 25
Lockeport, beach protection.....			116 31		116 31
Long Point (Craigmere) breakwater.....			692 50		692 50
Lower Kingsburg, skidway and break- water.....		2,305 24			2,305 24
Mabou Harbour, Jetties.....			157 00		157 00
Maitland wharf.....			1,000 13		1,000 13
Malagash, wharf.....			850 02		850 02
Margaree (Salmond pond).....	29 96				29 96
Margaree harbour, improvements.....		15,688 31			15,688 31
Margaretville, breakwater.....			2,998 00		2,998 00
McAra's Brook, pier.....			299 83		299 83
McKay's Point (Judique) breakwater.....			4,676 47		4,676 47
McNair's Cove, breakwater.....			2,800 41		2,800 41
Meat Cove, breakwater.....			371 77		371 77
Meteghan River, wharf.....			29 27		29 27
Meteghan, wharf.....		4,159 88	200 75		4,360 63
Middle River (lower) shear dams.....			201 00		201 00
Mill Creek (King's Co.) wharf.....	147 25				147 25
Mosher's Bay, breakwater.....			1,574 15		1,574 15
Musquodoboit Harbour, wharf.....			14 80		14 80
Necum Teuch, wharf.....			105 83		105 83
Neil's Harbour, breakwater.....			179 11		179 11
New Campbellton, wharf.....			1,053 48		1,053 48
North Gut (St. Ann's) wharf.....			140 32		140 32
North Sydney (Kelley's Beach).....	20,029 76				20,029 76
Nyanza, wharf.....			349 91		349 91
Odgen's Pond, protection works.....		429 59			429 59
Ogilvies, breakwater.....			246 14		246 14
Parker's Cove, breakwater.....			101 15		101 15
Parrsboro, beach protection.....			1,000 35		1,000 35
Pereaux wharf.....			319 09		319 09
Petite Rivière (Lunenburg Co.) break- water.....			415 75		415 75
" " " " wharf.....		116 00			116 00
Pictou Hr. Abercrombie wharf.....			249 40		249 40
Pictou Island, west wharf.....			150 20		150 20
Pleasant Bay, wharf.....			250 77		250 77
Poirierville, wharf.....			1,437 87		1,437 87
Portapique, wharf.....			27 00		27 00
Port Dufferin, wharf.....			113 57		113 57
Porter's Lake, removal of boulders.....		75 00			75 00
Port George (Annapolis Co.) breakwater.....			150 00		150 00
Port Hawkesbury, wharf approach.....			2,451 66		2,451 66
Port Hilford, breakwater.....		1,699 38			1,699 38
Port Hood, wharf.....			552 70		552 70
Port Latour.....			699 24		699 24
" " (Upper).....			1,187 49		1,187 49
Portuguese Cove, breakwater.....			1,520 00		1,520 00
" " impts. to road leading to breakwater.....		560 16			560 16
Port Wade, wharf.....			253 64		253 64
Poulamond, wharf.....			199 98		199 98
River Bourgeois, wharf.....			324 30		324 30
Ross' Ferry, wharf.....			749 19		749 19
Round Hill, wharf.....			1,934 14		1,934 14
St. Joseph's (Inverness Co.) breakwater.....			204 98		204 98
Salmon River (Cape Breton Co.) break- water.....			600 54		600 54



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS &amp; RIVERS.</b>					
<i>Nova Scotia—(Continued.)</i>					
Sandy Cove, breakwater.....			244 16		244 16
Scotch Cove (White Point) wharf.....			15 45		15 45
Short Beach, breakwater.....		1,084 56			1,084 56
Skinner's Cove, pier.....		1,044 58			1,044 58
South Cove (Victoria Co.) wharf.....			103 50		103 50
South East Cove (Tangier) grading right of way.....		250 33			250 33
South Ingonish, beach protection.....		1,010 22			1,010 22
South Lake (Lakevale) channel protec- tion.....			474 90		474 90
Spry Bay Henley's wharf.....			18 80		18 80
Spry Bay Leslie's wharf.....			14 63		14 63
Stoney Island, breakwater.....			499 98		499 98
Swim's Point, wharf.....			1,651 82		1,651 82
Sydney Harb. South bar (cribwork).....			150 00		150 00
Tangier wharf (Shed).....			22 05		22 05
Trout Cove, breakwater.....			284 83		284 83
Turner's Island (Halifax Co.) wharf.....			103 41		103 41
Washabuck Beach protection works.....			300 00		300 00
“ Center, wharf.....			59 98		59 98
Watt Settlement, wharf.....			149 96		149 96
Wedgeport, wharf.....			1,037 94		1,037 94
West Pubnico, wharf.....			200 00		200 00
West Sheet Harbour, wharf.....			67 47		67 47
West Ship Harbour, wharf.....			27 74		27 74
Whycocomagh, wharf.....			149 97		149 97
Wolfville, wharf approach.....			131 17		131 17
Yarmouth harbour, improvements.....	10,179 69				10,179 69
Generally.....	3,140 30			1,547 37	4,687 67
Totals, Nova Scotia.....	48,191 17	92,638 40	70,087 58	2,619 31	213,536 46
<i>Prince Edward Island—</i>					
Cardigan North, (Newport) pier.....			116 18		116 18
“ South, wharf.....			40 20		40 20
Chapel Point, pier.....			15 50		15 50
Graham's Pond, breakwater.....			266 56		266 56
McPherson's Cove, pier.....			40 50		40 50
Miminigash, breakwaters.....			1,994 23		1,994 23
Mink River, wharf.....			1,481 47		1,481 47
Mount Stewart, wharf.....			284 17		284 17
Murray Harbour (South River) wharf.....			41 79		41 79
Naufrage Harbour.....	771 69				771 69
Pownal.....	6,835 25				6,835 25
Prim Island, wharf.....			195 86		195 86
Red Point, wharf.....			201 86		201 86
Rustico (north) beach protection works.....			245 95		245 95
St. Mary's Bay, pier.....			306 25		306 25
Souris harbour, breakwater.....			114 30		114 30
Summerside, breakwater.....			709 27		709 27
Tignish, breakwaters.....			515 95		515 95
Victoria (Crapaud) pier.....			1,332 08		1,332 08
Wood islands, breakwaters.....			1,377 28		1,377 28
Generally.....	1,570 98			1,667 41	3,238 39
Totals, Prince Edward Island.....	9,177 92		9,279 40	1,667 41	20,124 73
<i>New Brunswick—</i>					
Albert, berth for vessels.....		38 50			38 50
Anderson's Hollow, wharf.....			69 82		69 82
Back Bay, wharf.....			100 43		100 43
Baie du Vin, wharf.....			27 43		27 43
Barker's (Sunbury Co.) wharf.....			38 00		38 00
Beaver Harbour, wharf.....			117 63		117 63



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS.</b>					
<i>New Brunswick—Concluded.</i>					
Buctouche, wharf.....			171 20		171 20
Burton Court House, wharf.....			48 80		48 80
Campbellton, wharfs.....			37 64		37 64
Cape Bald, breakwater pier.....			417 93		417 93
Cape Tormentine.....	18,267 84				18,267 84
Caraquet, wharf.....			10 00		10 00
Chatham, Canada Dock.....	1,604 56				1,604 56
“ Snowball's wharf.....	528 86				528 86
Cumming's Cove, wharf.....			114 64		114 64
Dalhousie, breakwater.....			421 18		421 18
Dipper Harbour, breakwater wharf (warehouse).....		492 96			492 96
Dorchester, wharf.....		667 07			667 07
Durham (Restigouche Co.) wharf.....			65 01		65 01
Gagetown, wharf.....			668 62		668 62
Grande Anse, breakwater.....			750 18		750 18
Great Salmon River, breakwater.....			88 66		88 66
Gunter's wharf.....			177 15		177 15
Lameque, wharf.....			741 96		741 96
Leonardville, wharf (slip).....			103 47		103 47
Loggieville.....	2,911 98		15 00		2,916 98
Lower Newcastle, wharf.....			370 71		370 71
McLean's Gully (Kent Co.).....	3,320 95				3,320 95
Martin's Head, breastworks.....		858 87			858 87
Maugerville, wharf.....			9 34		9 34
Miramichi river (North West).....	2,587 00				2,587 00
Moncton, wharf.....			131 26		131 26
Neguac, wharf.....			2,916 63		2,916 63
North Head, breakwater.....			93 46		93 46
Oak Point, wharf.....			83 38		83 38
Oromocto shoals.....	20 45				20 45
“ wharf.....			481 04		481 04
Petit Rocher, breakwater.....			5 00		5 00
Portage River, breastworks.....			249 00		249 00
Rexton, wharf.....			21 18		21 18
Richardson wharf (Slip).....			146 52		146 52
River St. John & tributaries, final contribution to Provincial Gov't.....		4,785 99			4,785 99
St. Andrews, wharf.....			733 48		733 48
St. John harbour improvements:—					
Courtney bay.....		226,193 62			226,193 62
Fort Dufferin, breastworks.....		15,598 07			15,598 07
Negro point, breakwater.....			440 97		440 97
Partridge Isld. quarantine Sta., deep water wharf.....			2,996 62	777 54	3,774 16
St. John West, piers, sheds, &c.....		14,956 13	21,361 10		36,317 23
St. Stephen (Charlotte Co.) floating slip.....		670 00			670 00
Scotchtown, wharf.....			89 50		89 50
Shediac, wharf.....			1,360 09		1,360 09
Shippegan Gully, breakwater, etc.....	26,760 82		3,617 53		30,378 35
Shippegan Hr. wharf.....			27 94		27 94
The Range (Grand Lake) wharf.....			139 89		139 89
Tynemouth Creek, breakwater.....		107 35			107 35
Welshpool, wharf.....			959 83		959 83
Wilson's Beach, breakwater-wharf.....			69 29		69 29
Woodward's Cove (Charlotte Co.) breakwater.....			78 50		78 50
Young's Cove (Queen's Co.) break- water.....			263 80		263 80
Generally.....	3,140 30			2,319 04	5,459 34
Totals, New Brunswick.....	59,142 76	264,368 56	40,830 81	3,096 58	367,438 71



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
HARBOURS AND RIVERS.					
<i>Québec—</i>					
Amherst-Magdalen Islands, wharf.....			128 25		128 25
Anse à Beaufils, breakwater, etc.....			2,608 07		2,608 07
Anse à la Grosse Roche, wharf.....			45 25		45 25
Anse à l'Eau (Tadousac), wharf.....			174 30		174 30
Anse aux Gascons, wharf.....			191 57		191 57
Anse St. Jean, wharf.....			105 58		105 58
Aylmer, wharf.....			224 50		224 50
Ayer's Cliff (Stanstead), wharf.....			29 92		29 92
Baie St. Paul (Cap aux Corbeaux), wharf.....			795 78		795 78
Barachois de Malbaie, training pier.....			2,385 70		2,385 70
Bassin (Magdalen Islands) wharf.....			539 95		539 95
Belœil, protection piers.....			1,710 14		1,710 14
Bersimis, wharf.....			251 37		251 37
Brewer's Creek (Labelle), landing float.....				7 00	7 00
Buckingham (Labelle) landing float.....			18 00		18 00
Cabano, wharf.....			148 62		148 62
Cacouna, wharf.....			159 95		159 95
Cannes de Roches, wharf.....				24 00	24 00
Cap Chat, breakwater.....			249 99		249 99
Cap St. Ignace, wharf.....			322 08		322 08
Carleton, wharf.....			189 80		189 80
Caughnawaga, wharf.....			61 50		61 50
Champlain, wharf.....			36 95		36 95
Chicoutimi Bassin, wharf.....			751 92		751 92
Chicoutimi, wharf.....			754 23	309 46	1,063 69
Contrecoeur, wharf.....			523 65		523 65
Coteau Landing, wharf.....			993 32		993 32
Cross Point, wharf.....			1,881 61		1,881 61
Deschambault, wharf.....			20 00		20 00
Desjardins, wharf.....			97 80		97 80
Dodd's Landing (Labelle) float.....				7 00	7 00
East Templeton, wharf.....		9 00	979 22		988 22
Fabre, wharf.....			299 05		299 05
Fassett, wharf.....			224 23		224 23
Father Point, wharf.....			198 98		198 98
Fort Coulonge, wharf.....			457 08		457 08
Fort William (Ottawa River), wharf...			258 78		258 78
Gatineau Point, wharf.....			212 62		212 62
" River, bank protection.....		96 00			96 00
Georgeville, wharf.....			25 00		25 00
Graham, wharf reconstruction.....		1,713 44			1,713 44
Grande Entrée (Magdalen islands) Breastworks.....			34 25		34 25
Grande Rivière (Gaspé) wharf.....			32 00		32 00
Grindstone (Magdalen islds.) break- water.....			1,019 71		1,019 71
Grondines, wharf.....			31 85		31 85
Grosse Isle (Quar. sta.) new coal shed, western wharf.....		2,014 88			2,014 88
Harricana River.....	474 52				474 52
High Falls (Labelle Co.) landing float.....			4 75		4 75
Honfleur, wharf.....			207 62		207 62
Hospital Bay (Magdalen Isl'ds.) break- water.....			17 13		17 13
Hudson, wharf reconstruction.....		437 62			437 62
Hull, wharf.....			267 72		267 72
Ile Verte, Notre Dame des Sept. Dou- leurs, wharf.....			60 00		60 00
Ile Verte, Village, wharf.....			56 20		56 20
Kamouraska, wharf.....			1,191 19		1,191 19
Lac des Iles, wharf.....			107 79		107 79
Lake Nominigue (Hurteau) wharf.....			141 31		141 31
Lake St. Louis.....	27,012 75				27,012 75
Lanoraie, wharf.....			1,772 66	25 17	1,797 83



10 GEORGE V, A. 1920

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
HARBOURS AND RIVERS.					
Quebec—Concluded.					
Laprairie, protection works.....		18,390 62			18,390 62
Lauzon "Champlain" dry dock.....		442,386 02		692 03	443,078 05
" " "Lorne" dry dock.....				29,733 08	29,733 08
Lavaltrie, wharf.....			549 49	41 00	590 49
Les Eboulements, wharf.....			697 08		697 08
Les Escoumains, wharf.....		3,230 07	220 75		3,450 82
Levis deep water wharf.....		956 68		1,353 30	2,309 98
L'Islet, wharf.....			1,172 36		1,172 36
Lotbinière, wharf.....			29 50		29 50
Magog, wharf.....			82 92		82 92
Malbaie, pier.....		2,907 63			2,907 63
Matane, breakwater.....		6,901 68	985 00		7,886 68
" wharf.....			733 05		733 05
Mechins, wharf.....			391 57		391 57
Mille Vaches, wharf.....			306 91		306 91
Montmagny, wharf.....			236 46		236 46
Montreal, dry dock.....				105,000 00	105,000 00
Murray Bay, wharf.....			881 29		881 29
New Carlisle, wharf.....			612 01		612 01
Newport, breakwater.....			299 85		299 85
Norway Bay (Ottawa river) wharf...			482 30		482 30
Notre Dame du Portage, wharf.....			60 00		60 00
Papineauville, wharf.....			150 43		150 43
Paspebiac, wharf.....			292 99		292 99
Percé, wharf.....			479 56		479 56
Peribonka, wharf.....			329 60		329 60
Philipsburg, wharf.....		817 31			817 31
Pierreville, wharf.....			226 96		226 96
Point à Elie (Magdalen islands) break- water.....			1,194 39		1,194 39
Pointe à Pizeau (Sillery) wharf.....			190 01		190 01
Pointe aux Esquimaux, wharf.....			15 00		15 00
Pointe aux Trembles (Portneuf Co), wharf.....		1,276 80	33 32		1,310 12
Pointe Cavagnole, wharf.....			27 20		27 20
Pointe Claire, wharf.....				150 00	150 00
Pointe Fortune, wharf.....			623 93		623 93
Pointe Piché (Timiskaming) wharf...			299 60		299 60
Poltimore (Riv. du Lievre) landing float.....			8 50		8 50
Quebec Harbour (Riv. St. Charles) impts. to navigation.....		400,382 61			400,382 61
Rimouski, harbour improvements.....		77,648 58			77,648 58
" wharf.....		6,000 00	1,931 54	672 92	8,604 46
Riviere aux Vases (Chicoutimi) wharf			391 69		391 69
Riviere Batiscan.....	12 00				12 00
Riviere du Lievre, lock.....				2,343 86	2,343 86
Riviere du Loup (en bas) wharf.....			1,557 37		1,557 37
Riviere Ouelle, wharf.....		1,379 79			1,379 79
Riviere St. Louis.....	240 98				240 98
Riviere St. Maurice, Eastern channel.	26,368 57				26,368 57
Roberval, wharf.....			529 00		529 00
Ste. Adelaide de Pabos, wharf.....			352 61		352 61
St. Alphonse (Chicoutimi Co.) wharf...			798 03		798 03
St. Andrews, wharf.....			249 76		249 76
Ste. Anne de Beaupre, wharf.....		328 16			328 16
Ste Anne de Chicoutimi, pontoon.....		3,191 32	341 25		3,532 57
Ste. Anne de Bellevue.....	19 20				19 20
Ste. Anne des Monts, landing pier, etc.			600 03		600 03
St. Antoine de Richelieu, wharf (Shed)			243 62		243 62
St. Antoine Station (Pointe Dansereau) wharf.....			399 34		399 34
St. Charles de Richelieu, wharf.....			25 56		25 56
Ste. Croix, wharf.....				10 00	10 00
St. Denis de Richelieu, wharf.....			92 05		92 05
St. Emelie (Leclercville) wharf.....			40 50		40 50



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Maintenance	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS.</b>					
<i>Quebec—Continued.</i>					
St. Famille (Ile d'Orleans) wharf.....			16 75		16 75
Ste. Felicite, wharf.....			292 44		292 44
St. Francois du Lac, wharf.....			349 40		349 40
St. Francois (Ile d'Orleans, south side) wharf.....			261 80		261 80
Ste. Genevieve de Batiscan, wharf....			64 45		64 45
St. Godfroy, wharf.....			982 89		982 89
St. Ignace de Loyola, wharf.....			474 86		474 86
St. Irenee les Bains, wharf.....			791 17		791 17
St. Jean des Chaillons, wharf.....			81 00		81 00
St. Jean (Ile d'Orleans) wharf.....			396 42		396 42
St. Jerome, wharf.....			83 65		83 65
St. John's, reconstruction of booms....		1,496 56			1,496 56
“ Guide piers.....			420 54		420 54
St. Lambert, protection dyke.....			19 99		19 99
St. Laurent (Ile d'Orleans) wharf.....			2,885 27	26 25	,911 52
St. Mathias, wharf.....			398 69		398 69
St. Michel de Bellechasse, wharf.....			514 47		514 47
St. Nicholas, wharf.....			35 80		35 80
St. Ours (Riv. Richelieu) wharf.....			454 43		454 43
St. Pierre les Becquets, wharf.....			795 90		795 90
St. Roch de Richelieu, wharf.....			321 22		321 22
St. Simeon, wharf.....			99 87		99 87
St. Sulpice, wharf.....			553 48		553 48
St. Valier (Bellechasse) wharf.....			99 52		99 52
St. Victoire (Riv. Richelieu) wharf..			216 17		216 17
St. Zotique, wharf.....			61 45		61 45
Sabrevois, wharf.....			599 52		599 52
Sorel, wharf.....			2,499 65		2,499 65
Three Rivers, wharf.....			2,274 51		2,274 51
Thurso, wharf.....			243 52		243 52
Vaudreuil, wharf.....			853 96		853 96
Vercheres, wharf.....		2,668 10		48 00	2,716 10
Ville Marie, wharf.....		3,761 57			3,761 57
Woburn, wharf.....		1,225 74			1,225 74
Yamaska, lock and dam.....				1,761 84	1,761 84
“ wharf.....			209 02		209 02
Generally.....	9,158 48			38,635 07	47,793 55
Totals, Quebec.....	63,286 50	979,220 18	59,515 13	180,839 98	1,282,861 79
<i>Ontario—</i>					
Arnprior, wharf.....			22 50	45 96	68 46
Barrie, wharf.....			201 95		201 95
Barry's Bay, wharf.....			46 66		46 66
Bayfield, piers.....			4,122 09		4,122 09
Beaumaris, wharf.....			35 82		35 82
Belleville, wharf and shed.....		2,416 69			2,416 69
Big Bay Point, wharf.....			190 19		190 19
Blind River, wharf.....			478 59		478 59
Brockville wharf, improvements.....		1,219 63	340 85		1,560 48
Burlington Channel, bridge.....				4,752 48	4,752 48
Burlington Channel, pier.....			7,311 69		7,311 69
Burnt Island, wharf.....			17 80		17 80
Cobourg, east pier.....			4,604 37		4,604 37
“ Langevin, pier.....			19,108 32		19,108 32
Collingwood graving dock No. 1.....				15,000 00	15,000 00
“ “ “ No. 2.....				9,208 96	9,208 96
Cumberland, wharf.....			374 85		374 85
Fort William, harbour improvements..	112,476 88	5,062 14	1,993 00		119,532 02
French River, dams (Big Chaudiere)..		5,779 64	3,160 72		8,940 36
Goderich, harbour improvements.....			2,655 98		2,655 98
Grand Bend, piers, etc.....			489 03		489 03
Griffith's Island, wharf.....			785 19		785 19
Haileybury, dockyard.....				2,102 53	2,102 53
“ wharf.....			572 18		572 18



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS.</b>					
<i>Ontario</i> —Concluded.					
Kagawong, wharf.....			10 10		10 10
Kingston dry dock, revetment walls...		9,410 76			9,410 76
“ Maintenance and operation of combined roadway, wharf and bridges.....				8,853 03	8,853 03
Kingsville, wharf.....			94 78		94 78
La Passe, wharf.....			104 12		104 12
Leamington, wharf.....			88 68		88 68
Little Current.....	26 50				26 50
L'Orignal, wharf.....			489 45		489 45
Minaki, wharf.....			1 00		1 00
Montreal river (Latchford dam).....				2,297 05	2,297 05
North Bay, breakwater.....		658 62			658 62
Oakville, wharf.....			495 48		495 48
Oshawa, dock.....			95 83		95 83
Pembroke, wharf.....			145 91		145 91
Petewawa, wharf.....			44 10		44 10
Port Arthur, dry dock.....				37,741 50	37,741 50
“ harbour improvements...	72,341 47				72,341 47
Port Burwell, piers.....	34,214 90		14,770 69		48,985 59
Port Colborne, breakwaters.....			— 7,417 62		7,417 62
Port Dover, piers.....			4,365 77		4,365 77
Port Hope, piers.....			2,160 43		2,160 43
Portland, wharf.....			9 80		9 80
Port Maitland.....	30 00				30 00
Portsmouth, pier.....			3,227 19		3,227 19
Port Rowan, piers.....			45 39		45 39
Port Stanley, harbour improvements...	10,102 19	62,785 33			72,887 52
Richard's Landing, wharf.....			10 00		10 00
Rainy River, protection works.....			93 00		93 00
River St. Clair at Point Edward.....	1,850 19				1,850 19
Roach's Point, wharf.....			81 06		81 06
Rondeau Harbour, piers, etc.....		4,559 90	3,700 41		8,260 31
Ruscom river.....	1,313 30				1,313 30
Sand Point, wharf.....			94 13		94 13
Sarnia Bay.....	2,503 20				2,503 20
Sheguindah, wharf.....			787 37		787 37
Silver Centre, wharf.....		515 86			515 86
Southampton, breakwaters.....			1,792 24		1,792 24
Southampton, piers.....			3,038 80		3,038 80
Sturgeon Falls, wharf.....			840 83		840 83
Thessalon, wharf.....			448 04		448 04
Tobermory glance booms.....			207 29		207 29
Toronto Harbour improvements:—					
Breakwater.....			206 67		206 67
Canadian-Stewart contract.....		322,436 81			322,436 81
East pier.....			483 31		483 31
West pier.....			554 39		554 39
Fisherman's island (new Building)...		1,191 45			1,191 45
Queen's wharf.....				25 00	25 00
Treadwell, wharf.....			515 03		515 03
Wellington harbour improvements.....		3,240 00			3,240 00
Wendover, wharf.....			1,024 99	24 00	1,048 99
Wheatley, wharf.....			1,578 97		1,578 97
Windsor, dock.....			12 45	3,366 97	3,379 42
Generally.....	9158 48			9,213 00	18,371 48
Totals, Ontario.....	244,017 11	419,276 83	95,547 10	92,630 48	851,471 52
<i>Manitoba</i> —					
Hnausa (Lake Winnipeg) wharf.....	324 48				324 48
Little Pembina river, diversion into Pelican lake.....		828 28			828 28
Red River, channel protection.....			2,668 92		2,668 92
“ new channel.....	7,008 75				7,008 75



## SESSIONAL PAPER No. 19

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS—</b>					
<i>Manitoba—Continued.</i>					
St. Andrews rapids, lock and dam.....			83 50	13,724 80	13,808 30
Selkirk, slip.....				4,707 52	4,707 52
Generally.....				3,076 00	3,076 00
Totals, Manitoba.....	7,333 23	828 28	2,752 42	21,508 32	32,422 25
<i>Saskatchewan and Alberta—</i>					
Big Stone river.....	2,451 13				2,451 13
Cumberland lake.....	7,934 90				7,934 90
Generally.....				876 13	876 13
Totals, Saskatchewan and Alberta.....	10,386 03			876 13	11,262 16
<i>British Columbia—</i>					
Ainsworth, wharf.....			30 50		30 50
Argenta, wharf.....			184 00		184 00
Barnston Island, wharf.....			175 62		175 62
Beaton, wharf.....			91 39		91 39
Bindlay's Landing, float.....			59 16		59 16
Burdwood Bay, float.....		495 04			495 04
Burton, wharf.....			23 00		23 00
Campbell river, wharf.....			1,835 59		1,835 59
Clyoquot, wharf.....			700 00		700 00
Columbia River, snagging.....		171 95			171 95
Crawford Bay, wharf.....			100 00		100 00
D'Arcy Island, slip way.....		400 00			400 00
Deep Cove, float.....			225 00		225 00
Deer Park, wharf.....			475 87		475 87
Dignan's Bay (Gabriola Isld.) float.....			159 87		159 87
East Arrow Park, float.....			252 25		252 25
East Robson, float.....			297 25		297 25
Esquimalt, naval coal wharf.....		46,951 97			46,951 97
“ old dry dock.....				20,272 25	20,272 25
Fanny Bay, float.....			383 00		383 00
Farmer's Landing, float.....			187 04		187 04
Farrington's wharf.....			55 34		55 34
Fraser's Landing, wharf.....			20 55		20 55
Fraser River improvements—					
Annieville bar.....	531 98				531 98
Chilliwack, removal of snags at Greyell's slough.....		399 25			399 25
Nicomén, dams.....		704 19			704 19
Sandheads.....	54,683 01				54,683 01
Sidney Mills.....	2,720 71				2,720 71
Snagboat <i>Samson</i> .....				20,927 69	20,927 69
Steveston jetty.....	60,828 38	32,028 42			92,856 80
Woodwards slough.....	11,105 71				11,105 71
Gower Point, float.....			58 98		58 98
Grace harbour, float.....			24 01		24 01
Gray's Creek, wharf.....			54 00		54 00
Halcyon, wharf.....			171 08		171 08
Hardy Bay, landing float.....		83 92			83 92
Kaslo, wharf.....			188 00		188 00
Kicking Horse river, removal of obstructions.....		11,500 00			11,500 00
Kitto's Landing, wharf.....			508 63		508 63
Kootenay River, snagging.....		602 83			602 83
Ladysmith, wharf.....			10 00		10 00
Little River, wharf.....		750 00			750 00
Long Bay, float.....			106 85		106 85
Long Beach, wharf.....			154 26		154 26
McDonald's Landing, wharf.....			80 53		80 53
Mirror Lake, wharf.....			388 69		388 69
Mission, wharf.....			58 76		58 76
Naas river.....	3,993 51				3,993 51
Nakusp, wharf.....			2 45		2 45



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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>HARBOURS AND RIVERS.</b>					
<i>British Columbia—Concluded.</i>					
Needles, wharf.....			217 10		217 10
Okanagan river, improvements.....		416 13			416 13
Powell River, wharf.....			13 40		13 40
Prince Rupert, Quarantine Sta., wharf.....			2,197 58		2,197 58
Proctor, wharf.....			1,192 35		1,192 35
Queen's Bay, wharf.....			38 95		38 95
Queen Charlotte city, wharf.....			349 37		349 37
Renata, wharf.....			30 90		30 90
Revelstoke, protection works.....			1 13		1 13
Robert's Creek, wharf.....			395 00		395 00
Roy, float.....			142 85		142 85
Royston, wharf.....			291 80		291 80
Savary Island, wharf.....			366 00		366 00
Sea Otter Cove, float.....		300 00			300 00
Skeena river.....	10,004 16				10,004 16
Skidegate, wharf.....		728 79			728 79
Smith's Landing, float.....			106 70		106 70
Sointula, wharf.....			218 03		218 03
Somas River, snagging.....		100 00			100 00
Squamish, wharf.....		55 91			55 91
Squirrel Cove, float.....		352 50			352 50
Stag Bay, float.....			121 01		121 01
Stewart, wharf.....			136 00		136 00
Tofino, wharf.....			1,599 70		1,599 70
Union Bay, wharf.....			2,412 80		2,412 80
Van Anda, wharf.....			166 98		166 98
Vancouver False Creek.....	839 33				839 33
“ First Narrows.....	267 43				267 43
“ Harbour improvements.....		149,783 22	90 75		149,873 97
Victoria, harbour improvements.....		129,226 33	4,479 47		133,705 80
West Demars, wharf.....			368 80		368 80
White Rock, wharf.....			94 55	40 09	134 64
William's Head, quarantine station....			438 74		438 74
Willow Point, wharf.....			611 43		611 43
Wolfsen Bay, wharf.....			23 65		23 65
Generally.....	7,368 12			11,514 99	18,883 11
Totals, British Columbia.....	152,342 34	375,050 45	23,166 71	52,755 02	603,314 52
<i>Generally—</i>					
General expenses of staff.....				8,496 84	8,496 84
Salaries of Dist. Engineers, Assistants, etc.....				377,124 94	377,124 94
Test borings for sundry projected works.....		7,172 04			7,172 04
Totals, Harbours and Rivers Generally.....		7,172 04		385,621 78	392,793 82
<b>DREDGING PLANT—</b>					
Maritime Provinces.....			13,059 30		13,059 30
Ontario and Quebec.....		1,422 16	30,910 46		32,332 62
Manitoba.....			5,736 36		5,736 36
British Columbia.....			32,494 95		32,494 95
Totals, Dredging plant.....		1,422 16	82,201 07		83,623 23



## SESSIONAL PAPER No. 19

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919—*Continued.*

Name of Work.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<b>SLIDES AND BOOMS.</b>				
River Saguenay.....			9,280 11	9,280 11
St. John's boom.....	49 70			49 70
Ottawa District—				
Black River.....		1,673 34		1,673 34
Coulange River.....		3,462 11		3,462 11
Dumoine River.....		399 82		399 82
Gatineau River.....	89 78	66 82	600 00	756 60
Madawaska River.....		3,332 04		3,332 04
Ottawa River.....		1,050 38	29,370 58	30,420 96
Petawawa River.....		2,105 88		2,105 88
Trent and Newcastle District.....	105 00			105 00
Collection of slide and boom dues.....			4,583 14	4,583 14
Totals, Slides and Booms.....	244 48	12,090 39	43,833 83	56,168 70
<b>ROADS AND BRIDGES.</b>				
Maritime Provinces—				
St. Leonard-Van Buren International Bridge.....		234 47		234 47
Quebec and Ontario—				
Kingston, old Swing bridge.....		1,218 33		1,218 33
Matapedia Interprovincial bridge.....		2,085 28		2,085 28
North Timiskaming bridge.....	9 04			9 04
Ottawa City bridges and streets maintained by Government—				
Connaught Place and Wellington street.....			2,984 87	2,984 87
Laurier bridge, etc.....		5,437 02		5,437 02
New Chaudiere bridge.....	790 87			790 87
Lighting all above.....			2,434 20	2,434 20
Portage du Fort bridge.....		128 20		128 20
York bridge (Grand river).....		456 26		456 26
Alberta—				
Banff bridge.....		2,343 31		2,343 31
Edmonton bridge.....		41 04		41 04
Yukon Territory—				
Hunker road.....	6,789 32			6,789 32
Totals, Roads and Bridges.....	7,589 23	11,943 91	5,419 07	24,952 21
<b>TELEGRAPH LINES.</b>				
Newfoundland—				
Cape Ray (Subsidy).....			250 00	250 00
Maritime Provinces—				
Bay of Fundy lines.....			3,844 77	3,844 77
Cape Breton lines.....		781 75	32,685 65	33,467 40
Chatham-Escominac line, extension.....	991 80		1,771 18	2,762 98
Prince Edward Isld. and mainland cable.....			6,946 66	6,946 66
Quebec Mainland—				
Dorchester County lines.....	483 70			483 70
North Shore, East of Bersimis.....			30,656 60	30,656 60
" West of Bersimis.....			18,845 59	18,845 59
Quebec County lines.....			7,164 41	7,164 41
Timiskaming, lines.....			2,880 72	2,880 72
Quebec Islands—				
Anticosti system.....			7,859 68	7,859 68
Cable ship "Tyrian".....			44,018 89	44,018 89
Grosse Isle, Isle and Coudres and Island of Orleans system.....			8,903 92	8,903 92
Magdalen Islands system.....			7,492 14	7,492 14
Maritime Provinces and Gulf generally.....			21,704 28	21,704 28
Ontario—				
Pele Island cable.....			2,849 53	2,849 53
Saskatchewan Lines.....		2,017 68	56,215 99	58,233 67
Alberta Lines.....	1,712 75	1,922 20	79,480 12	83,115 07



10 GEORGE V, A. 1920

AMOUNT expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1919.—*Concluded.*

Name of Work.	Construc- tion and Improve- ments.	Repairs.	Staff and Main- tenance.	Total.
<b>TELEGRAPH LINES—<i>Concluded.</i></b>	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>British Columbia and Yukon—</i>				
Aschcroft-Dawson system.....			238,559 52	238,559 52
British Columbia, mainland system.....	5,713 87	30,052 58	61,757 23	97,523 68
British Columbia, Vancouver Island system.....		6,500 00	103,353 76	109,853 76
Telegraph service generally.....			2,466 43	2,466 43
<b>Totals, Telegraph Lines.....</b>	<b>8,902 12</b>	<b>41,274 21</b>	<b>739,707 07</b>	<b>789,883 40</b>
<b>MISCELLANEOUS.</b>				
<i>Surveys:—</i>				
Maritime Provinces.....			23,506 61	
Quebec.....			17,597 23	
Ontario.....			12,894 20	
Manitoba.....			2,487 94	
Saskatchewan and Alberta.....			2,873 68	
British Columbia.....			11,369 31	
Generally.....			50 13	70,779 10
<i>Upper Ottawa Storage Dams:—</i>				
Gordon Creek.....	44 50			
Kippewa dam.....	421 30			
Land damages.....	14,508 12			
Metering flow.....	25,359 34			
Quinze dam.....	24,610 52			
Timiskaming dam.....	18,076 45			
Generally.....	27,651 16			110,671 39
<i>Accounts Branch:—Salaries and travelling expenses of agents, clerks, etc., of outside service.....</i>			22,031 56	22,031 56
<i>Gratuity to Capt. Barney Freeman seriously injured while at work in the Government shipyard at Selkirk, Man.....</i>			2,000 00	2,000 00
<i>Gratuities to widows or other representatives of 54 deceased employees, under Civil Service Amend- ment Act (Sec. 41).....</i>			9,842 89	9,842 89
<i>Legal services re cases before International Joint Commission.....</i>			315 63	315 63
<i>Monument to His late Majesty King Edward VII....</i>	3,150 00			3,150 00
<i>Operation and maintenance of inspection boats.....</i>			14,413 42	14,413 42
<i>River gaugings and metering.....</i>			23,946 58	23,946 58
<i>War Appropriation:—Salaries in connection with military service.....</i>			79,210 29	79,210 29
<i>Bonus.....</i>			367,896 62	367,896 62
<i>Vote No. 419 (Bonus).....</i>			2,206 25	2,206 25
<b>Totals, Miscellaneous.....</b>	<b>113,821 39</b>		<b>592,642 34</b>	<b>706,463 73</b>



EXPENDITURES by this Department from War Appropriations.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Mainten- ance.	Total.
Nova Scotia.									
Darmouth-Naval Station-Aviation.....	388,378 85								388,378 85
Halifax—armouries.....		50 00							50 00
“ barracks—R. A. Park.....		209 00							209 00
“ Camp Hill—military hospital.....	146,928 90								146,928 90
“ Chief Inspector Dom. Police.....		430 00							430 00
“ detention cell.....	5,891 91								5,891 91
“ discharge depot—Pier No. 2.....	4,793 05		3,500 00						4,793 05
“ Dist. Bar Office M.D. No. 6.....			45 00						3,500 0
“ Drysdale Home—M. & D.....									45 00
“ immigration building.....		199 50							199 50
“ Invalided Soldier Commission.....			2,372 00						2,372 00
“ Kelley—Glassey Building.....	4,076 77								4,076 77
“ Leith House—I.S.C.....			2,396 48			15 68			2,412 16
“ military garage.....	493 00								493 00
“ North Commons—temp. barracks.....	443,189 48								443,189 48
“ Pension Commission.....		10 00							10 00
“ Pine Hill—military hospital.....	2,739 25								2,739 25
“ Registrar—M.S.A.....		1,248 29	900 00						2,148 29
“ Repairs caused by explosion of 6th Dec. 1917, 84,515.58 less Halifax graving dock (35,349.68) reported under Har- bours & Rivers.....		49,165 90							49,165 90
“ Rockhead—military hospital.....	56,164 21								56,164 21
“ Soldiers Settlement Board.....		449 77							449 70
“ stables M. & D.....			440 00						440 00
“ Testing building.....	2,616 38								2,616 38
Kentville—military hospital.....	496 10								496 10
North Sydney—Naval Station—Seaplane station	252,098 48								252,098 48
Pictou—M. & D. 28th Bty. C.F.A.....			25 00						25 00
Sydney—Logue House, M. & D.....			282 00						282 00
“ Moxam House—military hospital.....	4,749 69								4,749 69
“ “Post” Building—Military Police.....			45 00						45 00
“ Ross House—military hospital.....	291 96								291 96
Windsor—President's Bay M. & D.....			60 00						60 00
Nova Scotia, Generally.....		35 55	201 80						237 35



EXPENDITURES by this Department from War Appropriations—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Mainten- ance.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
<i>Prince Edward Island.</i>									
Charlottetown—C.M.P.C.	162,361 15		20 00						20 00
“ old Government House.									162,361 15
“ Registrar—M.S.A.		216 07							216 07
“ S.C.R. (DesBrisay Building).			26 67						26 67
North Wiltshire—Dalton sanatorium.	96,635 61								96,635 61
<i>New Brunswick.</i>									
Fredericton— <i>Dunbar House.</i>		165 50	900 00						1,065 50
“ I.S.C. Asst. Director.		13 50	519 44						532 94
“ military hospital.	117,989 55								117,989 55
“ temporary barracks.	193 08								193 08
Moncton Absentee depot (M. & D.)			40 00						40 00
Riverglade sanatorium.	24 74								24 74
St. John armouries.	875 64								875 64
“ Asst. provost Marshall's Office.		40 00							40 00
“ County Hospital, East St. John.	94,859 16								94,859 16
“ detention building.		219 12							219 12
“ Forestry and Ry. Btn. 103 Prince									
“ William St.			240 00	46 31					286 31
“ Invalided Soldiers' Comm.			600 00						600 00
“ 160 Prince									
“ William St.		170 00	233 34						403 34
“ M. & D. Barracks—Ex. Grounds.		70 00							70 00
“ Dist. Pay Office.			333 34						333 34
“ Evangeline Home.			875 00						875 00
“ Headquarters.		541 98							541 98
“ Hospital, 75 Pitt St.			1,000 00						1,000 00
“ Officer in charge of water									
“ transportation.			450 00						450 00
“ military garage.	7,409 26								7,409 26
“ ordnance workshop.	1,855 00								1,855 00
“ Parks convalescent Home.			400 00						400 00
“ Partridge Island—barracks.	42,470 38								42,470 38
“ Paymaster's office.		20 79	575 00						595 79
“ Registrar M.S.A.		247 52							247 52
“ School for Deaf, West St. John.	23,209 30		250 00						23,459 30
“ S.C.R. (P.O. Building)		872 02							872 02
New Brunswick—sundry buildings.		12 33	215 45	67 25					295 03



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EXPENDITURES by this Department from War Appropriations—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Mainten- ance.	Total.
	\$	\$	\$	\$	\$	\$	\$	\$	\$
	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
<i>Ottawa Buildings.</i>									
Board of Pension Comm. (Transportation Bldg.)		122 00	3,800 00						3,922 00
" (Union Bank Bldg.)		180 00							180 00
Canada Food Board, 119 Rideau st.		2,272 21							2,272 21
" Victoria Mem. museum		34 00							34 00
Central Appeal Judge, etc.		736 13	189 60						925 73
Dental Corps, 107 Bank st.			192 00						192 00
Dental Service (Popham Bldg.)			41 50						41 50
Income Tax Office		3,361 46							3,361 46
Interment Branch, Col. Street's office			97 00						97 00
Invalided Soldiers Comm. Demobilization staff.			1,222 00						1,222 00
" Vocation office, 194 Chapel			420 00						420 00
" " Vocation office, 430 Rideau			400 00						400 00
M. & D. Bate Building		41 36							41 36
" Elgin building		4,363 15							4,363 15
" Garage—Victoria Garage Co.			3,654 77						3,654 77
" McKenzie building			1,784 38						1,784 38
" Military Police, 123 Queen St.		40 50							40 50
" S.A. & A.P. Br. Canadian bldg.		3,066 45							3,066 45
" Woods building		50 27							50 27
Ordnance stores	17,388 41	114 84	7,966 08						25,469 33
P.O. Censor (Trust Bldg.)			2,293 00						2,293 00
Sir Sandford Fleming mil. hospital	139 81	78 43	2,012 01						2,230 25
Soldiers Civil Re-establishment, Headquarters.	32,163 78	1,761 91							33,925 69
Soldiers Settlement Board (McNeil Bldg. Queen st.)		829 35							829 35
Victoria Chambers, 130 Wellington st.			75 00						75 00
War Loan office		1,028 00							1,028 00
War Savings Comm. (224 Sparks st.)			290 00						290 00
" (Cor. Sparks and Lyon)		58,353 31	150 80						150 80
Generally									58,353 31
<i>Ontario (excluding Ottawa).</i>									
Allanburg—M. & D. Can. Garrison Regt.			154 00						154 00
Beamsville sanatorium		24 71							24 71
Brantford Armouries	2,101 18								2,101 18
Brantford S.C.R. Industrial Service & Vocational Branch			77 00						77 00



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EXPENDITURES by this Department from War Appropriations—Continued.

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Toronto M. & D. Casualty Section-Mil. Head-quarters.....	95 00	37 60	132 60
" M. & D. Insp. Gen.-Eastern Canada.....		840 00	840 00
" " Mil. Hosp. Comm.-Queens park.....		1,218 00	1,218 00
" " Paymaster Mil. Dist. No. 2.....	1,188 89	13,174 24	14,363 13
" North Orthopaedic hosp. (Davisville).....	7,232 85	5,847 50	13,080 35
" Old Technical School, 149 College st.....	1,573 88		1,573 88
Toronto Orthopaedic Branch, 184 Spadina Ave.....	315 00	1,580 00	1,895 00
" Orthopaedic hospital (Christie st.).....		280 00	894,167 90
" " recreation grounds.....			280 00
" Queens Mil. hospital.....	542 74		542 74
" Registrar M.S.A.....	3,961 86		3,961 86
" Reliance Bldg. (Dep. Insp. General.).....		500 00	500 00
" Repatriation & Employment Commission.....		135 00	135 00
" Rosedale temporary barracks.....	358,295 79		358 295 79
" Soldiers Settlement Board 32-34 Adelaide st.....	698 70		698 70
" Spadina Military convalescent hospital.....	4,206 29	7,650 00	11,856 29
" " nurses home.....		660 00	660 00
" St. Andrews College Mil. hospital.....	537,074 32		537,074 32
" " nursing sisters.....		670 50	670 50
" Supply Depot.....		850 00	850 00
" Supplies Depot-mil. police barracks.....		1,047 57	1,047 57
" Temporary garage (Armouries).....	1,275 00		1,275 00
" Vocational Branch 616 College st.....		320 00	320 00
Welland M. & D. Can. Garrison Regt.....		172 50	172 50
Whitby I.S.C. military hospital.....	95 00	24,092 47	24,092 47
" Mil. hospital.....			95 00
Windsor-armoury.....	346 00		346 00
" I.S.C. Vocational Branch.....		48 00	48 00
Generally-Sundry Buildings.....	4,168 76	865 84	5,034 60
<i>Manitoba.</i>			
Brandon-M. & D. Brandon warehouse.....		514 37	514 37
Dauphin M. & D. "C" Squadron Manitoba Horse Ninette-sanatorium.....	135 00	20 00	20 00
Winnipeg-Canada Food Board.....	163 86		135 00
" detention barracks, etc., Imgt. Hall No. 2.....	504 90		163 86
" Fort Osborne barracks.....			504 90
" Demobilization Branch etc.....			678 00
" I.S.C. retraining centre.....		4,184 14	4,184 79
" "Manitoba" military hospital.....	1,637 18	4,000 00	4,000 00
" M. & D armouries 34th Fort Garry Horse.....			1,637 18
" " Asst. Dir. of Supplies & Transportation M.D. No. 10.....		698 39	698 39
" " barracks stores.....		2,000 00	2,000 00
" " D.I.O. & Corps of Guides.....		1,800 00	1,800 00
" " garage (Imperial).....		400 00	400 00
" " Insp. General, Western Can. etc.....		1,837 50	1,837 50
" " LaSalle Hotel-Ven. hospital.....	47 71	2,954 37	3,002 08
		2,500 00	2,500 00



## DEPARTMENT OF PUBLIC WORKS

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EXPENDITURES by this Department from War Appropriations—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Mainten- ance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Manitoba.—(Continued.)</i>									
Winnipeg M. & D. Medical stores-Mil. Dist. No. 10.			900 00						900 00
" " Ordinance stores (Ellis Block).			300 00						300 00
" " ordnance stores.			4,835 00						4,835 00
" Registrar M.S.A.		1,915 38	3,206 99						5,122 37
" Returned Soldiers Association-Union Bank Building.			168 75						168 75
" Soldiers Settlement Board.		352 25							352 25
" "Tuxedo" Cottage for nurses quarters.			90 00						90 00
" " military hospital.	1,011,270 26				1 35				1,011,270 26
Manitoba-Generally-Sundry Bldgs.			175 00						176 35
<i>Saskatchewan.</i>									
Moosejaw I.S.C. Ross Park School mil. hospital			3,000 00						3,000 00
" " military hospital.	37,261 08								37,261 08
" " " nurses home.			37 00						37 00
" M. & D. Douglas Block.			1,097 44						1,097 44
Regina Canada Food Board.		392 75							392 75
" Earl Grey mil. hospital.	5,306 11		270 00						5,576 11
" I.S.C. west stores.			1,900 00						1,900 00
" M. & D. armoury C. sq'd 20th Borden Horse			20 00						20 00
" M. & D. Demobilization Br Sherwood Bldg.		36 30	7,616 00						7,652 30
" " D. P. M. & Auditor.			2,400 00						2,400 00
" " garage (14th Ave.)			570 00						570 00
" " Grey Nuns hospital.			420 00						420 00
" " Medical Board, Dist. Depot, etc		796 95	4,305 00						5,101 95
" " Ordnance Corps.			180 00						180 00
" " Paymaster's Office-Mil. Dist No. 12.			1,125 00						1,125 00
" M. & D. Soldiers Settlement Board, etc		20 00							20 00
" " St. Paul's Parish Hall-Temp. hospital.			1,250 00						1,250 00
" Registrar—M.S.A.	106 20	1,962 11							1,962 11
" Sherwood barracks.									106 20
" St. Andrews Hospital—Dewdney Hall.			862 50						862 50
" St. Charles military hospital	988 31								988 31
" Western stores.	188 90								188 90
Saskatoon military hospital.	5,735 44								5,735 44
" Soldiers Settlement Board.		365 55							365 55
Saskatchewan—Sundry Bldgs—Generally.			25 00						25 00



## REPORT OF THE CHIEF ACCOUNTANT

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## SESSIONAL PAPER No. 19

Alberta.								
Calgary detention barracks.....	3,265 24							3,265 24
" drill hall.....	860 00							860 00
" Immigration Agent Accom.....				420 00				420 00
" I.S.C. Hospital—Bishop Pinkham Coll.				2,115 00				2,115 00
" " Limb—fitting factory.....				232 25				232 25
" " Occupation, Therapy, Bldg.								
Frame.....				100 00				100 00
" I.C.S. Nurses home.....				240 00				240 00
" military hospital.....	1,255 41							1,255 41
" M. & D. armoury.....				1,100 00				1,100 00
" " Casualty Sect. D.D. and bar-								
rack stores—Hospital Supply Depot.....				970 00				970 00
" M. & D. <i>Central Buildings</i> .....				45 00				45 00
" " C.M.P.C. and A.P.M.—M.S.A.								
Registrar Soldier Settlement Board.....		186 00		1,070 00				1,256 00
" M. & D. garage—330 5th Ave. West.....				2,150 00				2,150 00
" " Headqrs. C.A.S.C. I.S.C. Mil.								
" " Hospital Supt.....				4,502 50				4,502 50
" " <i>Herald Bldg.</i> Room 515.....				105 00				105 00
" " <i>Judge Travis Bldg.</i> .....		711 45		2,695 00				3,406 45
" " Medical Board, <i>Leeson &amp; Linchan</i>								
<i>Bldg.</i> .....				625 00				625 00
" M. & D.O.C. 4th Field Troop Can.								
" " Engrs.....				72 00				72 00
" " Ordnance Depot.....				500 00				500 00
" " Dept. <i>Nicholas Bain</i>								
<i>Bldg.</i> .....				2,224 99				2,224 99
" Registrar M.S.A.....		3,046 06						3,046 06
Edmonton—Canada Food Board.....		110 00						110 00
" College mil. hospital.....	47,641 85							47,641 85
" Connaught armouries.....	63 15							63 15
" Edmonton Convalescent hospital and								
nurses home.....				40 00				40 00
" I.S.C. Alberta College military hospital				10,999 92				10,999 92
" " Vocation Br. <i>White Block</i> .....				742 50				742 50
" M & D. Dental Clinic (Tegler Bldg.).....				220 00				220 00
" { " Medical Board (McLeod Bldg.)								
" { I.S.C. Vocation I Br. S.C.R. " " }		362 04		1,195 38				1,557 42
" M. & D. Stratheona nurses home.....				550 00				550 00
" Soldiers Settlement Board.....		786 50						786 50
" South—military hospital.....	876 00							876 00
" Stratheona mil. hospital.....				20,000 00				20,000 00
" Temporary hospital.....	24 91							24 91
Frank—military hospital.....	3,696 35							3,696 35
" I.S.C. hospital.....				350 00				350 00
Lethbridge—Returned Soldiers Club—Old Land-								
Office.....		10 65						10 65
Wetaskiwin—military hospital.....	343 95							343 95
Alberta—Sundry Buildings—Generally.....		5 45		95 85				101 30



EXPENDITURES by this Department from War Appropriations—Continued.

Name of Building.	Construc- tion and Improve- ments.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Mainten- ance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>British Columbia.</i>									
Balfour—I.S.C. Balfour ranch.....			200 00						200 00
“ I.S.C. {(Kootenay Lake hotel } { (Military hospital)			2,800 00						2,800 00
“ sanatorium.....	12,812 83								12,812 83
Esquimalt—coal dock (Reported under Hr. and Riv.)—									
“ military hospital.....	14,937 68								14,937 68
“ Naval Cadets’ college.....	28,762 45								28,762 45
“ temporary barracks.....	19,288 53								19,288 53
New Westminster I.S.C. nurses home.....			480 00						480 00
“ Vocational Br.....			175 00						175 00
Revelstoke—Dispersal Stn., <i>Opera House</i> .....			35 00						35 00
“ M. & D.....			100 00						100 00
“ S.C.R. M.D. No. 11.....			75 00						75 00
Vancouver— <i>Birks Bldg.</i> No. 706.....			280 00						280 00
“ Fairmont military hospital.....	3,459 67								3,459 67
“ General hospital—military annex.....	16,272 90								16,272 90
“ Insp. Dom. Police, <i>Credit-Foncier</i> <i>Bldg.</i> .....		33 40							33 40
“ I.S.C. {Medical Br.....}									
“ {Demobilisation Br.}			2,555 80						2,555 80
“ I.S.C. Orthopaedic Br.....			300 00						300 00
“ M. & D. C.A.S.C. garage.....			525 00						525 00
“ “ 1117 Seaton st.....			1,001 00						1,001 00
“ “ stables.....			613 90						613 90
“ {No. 18 Field ambulance } {752 Thurlow st.....}			900 00						900 00
“ Hastings Park, M.D. No. 11			2,400 00						2,400 00
“ 901 Hastings st.....			200 00						200 00
“ {Headquarters staff.....}									
“ {C.M.P.C. & Siberian Rec. }			3,191 66						3,191 66
“ Medical Board of Review.....		81 80	259 46						341 26
“ Offices and clearing stn.....			660 00						660 00
“ old post-office.....	2,734 12								2,734 12
“ Registrar M.S.A.....		3,361 28							3,361 28
“ “Shaughnessey” and “Fairmont” mil. hospitals.....			11,800 00						11,800 00
“ “Shaughnessey” military hospital.....	18,280 97								18,280 97
“ Soldiers Settlement Board.....		415 13							415 13



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Victoria—Canada Food Board.	39 85					39 35
" Irving House hospital.					1,119 35	1,119 35
" military hospital.	519 27					519 27
" Military Hospitals Bd.					60 00	60 00
" M. & D. Dist. Paymaster Rec. offices.					11,595 00	11,595 00
" {M. & D. Post Discharge Pay}						
" {I.S.C. Administrative offices}					4,475 00	4,475 00
" M. & D. Medical Stores, 719 Courtney st.				1 76	200 00	201 76
" " Stores, 721 Courtney st.					137 50	137 50
" " "Willows" Encampment.					300 00	300 00
" Qualicum Beach Inn	1,318 98				900 00	2,218 98
" " " M.D. garage.					50 00	50 00
" " "Resthaven" mil. hospital.	1,182 86				3,000 00	4,182 86
" S.C.R. "Craigdarrock" Victoria hos- pital No. 1.		99 82			87 50	187 32
" Soldiers Settlement Bd.		1,158 90			200 00	1,358 90
British Columbia—Sundry Buildings—Generally					385 50	385 50
Military Service, War Bonus and Vote No. 419 reported under Miscellaneous.						
Sundry Military Buildings, Generally.	20,137 78	30,107 39			1,139 87	154,839 87
Grand total.	7,803,498 06	297,855 60		232 77	1,823 96	103,454 83
						8,492,503 87



EXPENDITURES by this Department from War Appropriations—*Concluded.*

Recapitulation.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
<i>Totals Public Buildings—</i>					
Nova Scotia.....		21,071 73	11,750 68	84,296 07	117,118 48
Prince Edward Island.....		3,149 91	4,249 57	15,351 16	22,750 64
New Brunswick.....		9,938 87	7,913 13	75,771 65	93,623 65
Quebec.....		77,275 64	46,971 44	413,413 15	537,660 23
Ottawa Buildings.....		3,381,780 11	468,827 90	1,143,437 41	4,994,045 42
Ontario (excluding Ottawa).....		342,987 85	34,726 25	334,679 09	712,393 19
Manitoba.....		43,890 48	9,785 73	120,970 64	174,646 85
Saskatchewan.....		25,335 57	11,619 66	76,051 87	113,007 10
Alberta.....		123,829 46	10,781 91	98,227 18	232,838 55
British Columbia.....		157,213 60	23,667 82	153,149 49	334,030 91
Yukon Territory.....				38,005 94	38,005 94
Public Buildings Generally.....		13,340 51		83,217 88	96,558 39
<i>Totals Harbours and Rivers—</i>					
Nova Scotia.....	48,191 17	92,638 40	70,087 58	2,619 31	213,536 46
Prince Edward Island.....	9,177 92		9,279 40	1,667 41	20,124 73
New Brunswick.....	59,142 76	264,368 56	40,830 81	3,096 58	367,438 71
Quebec.....	63,286 50	979,220 18	59,515 13	180,839 98	1,282,861 79
Ontario.....	244,017 11	419,276 83	95,547 10	92,630 48	851,471 52
Manitoba.....	7,333 23	828 28	2,752 42	21,508 32	32,422 25
Saskatchewan and Alberta.....	10,386 03			876 13	11,262 16
British Columbia.....	152,342 34	375,050 45	23,166 71	52,755 02	603,314 52
Yukon Territory.....					
Harbours and Rivers, Generally.....		7,172 04		385,621 78	392,793 82
<i>Totals, Dredging Plant.</i>		1,422 16	82,201 07		83,623 23
“ Slides and Booms.....		244 48	12,090 39	43,833 83	56,168 70
“ Roads and Bridges.....		7,589 23	11,943 91	5,419 07	24,952 21
“ Telegraph Lines.....		8,902 12	41,274 21	739,707 07	789,883 40
“ Miscellaneous.....		113,821 39		592,642 34	706,463 73
“ War Appropriations.....		7,803,498 06	207,855 60	481,150 21	8,492,503 87
Grand totals of expenditure.....	593,877 06	14,273,845 91	1,286,838 42	5,240,939 06	21,395,500 45



By J. A. CHASSÉ, LAW CLERK.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.

Works.	Names of Contractors.	Date of Contract.	Amount.
PUBLIC BUILDINGS.			
<i>Nova Scotia.</i>			
Dartmouth.....Two (2) barrack buildings, one (1) mess and recreation hall building, one (1) operating station for wireless apparatus, a water supply pump, a sewer with connections, etc.	Bate, McMahon Maritime Co., Ltd.....	Dec. 17, 1918	Cost plus per centage.
“.....Airship station, seaplane and kite balloon stations	“.....	Sept. 13, 1918	“
Halifax.....Drill hall.....Restoration of wood roofs and general repairs.	Falconer & McDonald, Ltd.....	April 22, 1918	\$19,971..and for new wood roof purlins in place p.ft. B. M., \$43.75 and for a new roof boarding in place F. B. M. \$67.50.
Lawlor's Island.. Necessary works required in connection with supply of fresh water for Quarantine station.	Farquhar Bros., Ltd.....	Oct. 15, 1918	7,950 00
Melville Island... Detention cell building.....	M. E. Keefe Construction Co., Ltd.....	Aug. 27, 1918	5,858 00
North Common.. Enlargement of three (3) guard houses.	Bate, McMahon Maritime Co., Ltd.....	Sept. 19, 1918	8,885 81
“.....Temporary barracks.....	“.....	Aug. 13, 1918	169,900 00
North Sydney... Two barrack buildings and one (1) mess building for 400 men in connection with seaplane station.	Elbridge M. Dickson.....	Nov. 28, 1918	Cost plus per centage.2
“.....Airship and seaplane stations.....	Bate McMahon Maritime Company, Ltd....	Dec. 17, 1918	Cost plus per centage.
Rockhead (Hali-Military Isolation Hospital.....	Rhodes, Curry Co., Ltd.....	Aug. 21, 1918	63,202 00 and schedule of prices.



STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—Continued.

Works.		Names of Contractors.	Date of contract.	Amount.	
				\$	cts.
PUBLIC BUILDINGS.					
Prince Edward Island.					
Charlottetown.	Military Convalescent hospital Wiring.	W. P. Doull.	May 28, 1918	4,453 00	
"	" hospital,—nurses' home. Plumbing and lighting	J. A. Currie & J. F. Murnaghan.	Oct. 17, 1918	6,400 00	
"	" main building. Heating system.	Bruce Stewart and Co., Ltd.	Jan. 24, 1919	5,200 00	
New Brunswick.					
Fredericton.	Military Hospital—recreation and Electric wiring.	The Vaughan Electric Co., Ltd.	Aug. 8, 1918	2,475 00	
"	vocational building.				
"	Military Hospital—recreation and Heating system.	D. J. Shea & Son.	Aug. 9, 1918	5,814 00	
"	vocational building.				
"	Military hospital—roadways, grading, removal of certain buildings, etc.	W. J. Scott and R. Forbes.	Oct. 5, 1918	6,323 00	
"	Experimental station, root cellar. Construction of.	Alex. Forbes.	Oct. 19, 1918	1,040 00	
"	Military hospital—boiler house, Disinfecting plant and alterations to old Gov't House and ward.	W. J. Scott & R. D. Forbes.	Nov. 25, 1918	32,327 50	
"	vocational building.				
Partridge Island.	Temporary barracks. Construction of.	McDonald & Farren.	Oct. 10, 1918	28,959 00	
(St. John).					
St. John.	Military hospital. Heating apparatus and plumbing.	R. E. Fitzgerald.	Aug. 10, 1918	6,780 00	
"	County Military hospital (Nurses' Heating and plumbing.	R. E. Fitzgerald.	Sept. 26, 1918	5,940 00	
"	home)				
"	Ordnance workshop. Construction of.	J. E. Kane & W. T. Ring.	Oct. 16, 1918	1,855 00	
"	Men's mess and guard house at Construction of.	"	Oct. 17, 1918	20,588 00	
"	Exhibition grounds.				
"	Guard house. Extension of.	"	Nov. 5, 1918	2,922 00	
"	County military hospital (Medical Heating and plumbing.	Francis S. Walker.	Nov. 14, 1918	2,650 00	
"	officers' residence).				
"	Savings Bank building. Electric wiring and fittings.	The Vaughan Electric Co., Ltd.	Jan. 2, 1919	1,600 00	
"	Temporary military garage Construction of.	John Flood & Son.	Jan. 9, 1919	6,923 00	
Quebec.					
Cove Fields.	Temporary barracks. Construction of.	Bate McMahon & Co.	Sept. 20, 1918	293,620.00	and \$1.00 p.c. yd. for grading of site.
(Quebec).					
Cove Fields.	" " " Sewerage and water system for.	Miles Lonergan.	Jan. 13, 1919	24,500 00	
(Quebec).					

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Farnham.....	Public building.....	Alterations and additions to.....	S. P. Saxe.....	May 4, 1918	5,152 50
".....	".....	Supply and installation of Post Office fittings.....	Estate of late Jos. Bourque.....	Feb. 18, 1919	3,250 00
Grosse Isle Sta.....	New boiler house.....	Construction of.....	T. Beaumont & R. Boulanger.....	Nov. 16, 1918	25,590 00
Hull.....	(Old Stewart homestead).....	Alterations to residence, stable and barn.....	Jos. Bourque.....	Nov. 9, 1918	8,575 00
Lake Edward.....	Two family apartment in connec- (Sanatorium). tion with.....	Construction of.....	L. H. Peters, Ltd.....	Feb. 10, 1919	6,097 00
Montreal.....	Central post office (letter carriers' registration branch) Mezzanine floor.....	Supply of screens and counters.....	Seraphin Bourassa.....	June 25, 1918	1,724 00
".....	Post office (St. James St).....	Supply of steam heating service for heating.....	Montreal Light, Heat & Power Consolidated	July 18, 1918	1.00 per 1,000 lb. of condensed water and \$3 per month for each meter. 16,182 00
Sto Anne de Bel-Military hospital.....	.....	Additional works in connection with.....	E. G. M. Cape & Co., Ltd.....	June 3, 1918	
".....	".....	Painting of.....	Goodwin's Ltd.....	July 6, 1918	28,759 00
".....	".....	Interior fittings.....	Jas. Davidson's Sons & Grant P. Davidson..	Aug. 15, 1918	11,665 00
".....	Medical officers' building, nurses' building, —Storage building and grading and roadway in connection with Military hospital.....	Construction of.....	Wm. H. McGillivray.....	Sept. 11, 1918	176,908 00
".....	Active treatment wards,—power house, laundry and conduit systems.....	Neurological ward and officers' ward in connection with military hospital.....	E. G. M. Cape & Co., Ltd.....	Oct. 21, 1918	509,000 00
".....	Military hospital.....	Supply of winter sash.....	The J. T. Schell Co.....	Dec. 6, 1918	6,849 00
".....	".....	Electric light power transmission line on site of.....	The Artistic Brass Works Co., Ltd.....	Jan. 8, 1919	5,354 90
".....	Military hospital.....	Construction of.....	E. G. M. Cape & Co., Ltd.....	Feb. 14, 191	911,750 00
".....	Garage, chapel and mortuary building in connection with.....	.....	.....	.....	.....
".....	".....	stable.....	Quinlan & Robertson.....	Feb. 17, 1919	7,913 00
".....	".....	Special service building.....	".....	Feb. 27, 1919	14,000 00
".....	".....	Guard house.....	".....	Mar. 6, 1919	7,800 00
".....	".....	Recreation build-Construction of.....	".....	Mar. 6, 1919	55,600 00
".....	".....	ing.....	Quinlan & Robertson, Ltd.....	Mar. 10, 1919	68,565 00
St. Johns.....	Military supply depot.....	.....	Pierre Trahan.....	Nov. 8, 1918	13,325 00
Three Rivers.....	Public building.....	Additional fittings.....	Joseph Bourque.....	May 13, 1918	700 00
Sto Anne de Bel-Buildings (for Military hospital).....	Supply and installation of fittings.....	.....	S. Bourassa.....	May 28, 1918	752 00
*levue.....	Construction of.....	.....	E. G. M. Cape & Co., Ltd.....	Oct. 26, 1917	230,000 00

\*This item was received too late for insertion in last year's annual report (1917-1918).



STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—Continued.

Works.	Names of Contractors.	Date of Contract.	Amount.
PUBLIC BUILDINGS—Continued.			
Ontario.			
Burlington..... Military hospital, Gymnasium (Construction of.....	Kennedy Connor.....	Feb. 19, 1919	\$ 15,700 00
Freeport..... Military hospital, Tuberculosis building.....	Dunker Bros.....	Jan. 6, 1919	11,800 00
Kenora..... Pub. building..... Heating and plumbing.	Chas. Ratchford.....	Sept. 18, 1918	3,585 00
Kingston..... (Barriefield) Lower common. Construction of.....	Bate, McMahon & Co.....	Sept. 20, 1918	310,500.00 and \$2 p.c. yd. for grading of site.
“ (Ongwan-Military isolation hospital.....	Wm. Henry Harvey.....	Sept. 12, 1918	34,382 00
“ Mowat sanatorium..... Plumbing and heating.	McKelvey & Birch, Ltd.....	Oct. 3, 1918	1,211 00
“ “ “ Electric wiring and fixtures.....	Halliday Electric Co.....	Oct. 17, 1918	350 25
“ “ “ Tuberculosis Construction of.....	Henry Hunter.....	Jan. 15, 1919	23,400 00
“ (Barrie-Temporary barracks..... Sewerage and water systems.....	Elliott Bros.....	Jan. 24, 1919	8,965 00
“ “ “ Lower common Water supply and drainage for Unit Temporary barracks.....	Elliott Bros.....	Feb. 8, 1919	8,980 00
“ “ “ No. 2 of temporary barracks. Works required in connection with extension of water works from Morton St. to Isolation hospital.	Civic Utilities.....	Mar. 10, 1919	128 during 5 yrs.
London..... Temporary barracks..... Construction of.....	Bate, McMahon & Co.....	Sept. 20, 1919	304,750 and 2.50 p.c. yd. for grading of site.
“ Military hospital. Service and Construction of.....	Canadian Contractors and Builders, Ltd.....	Oct. 21, 1918	53,900 00
“ Military hospital. Administrative Construction of.....	Bate, McMahon & Co.....	Oct. 24, 1918	102,494 00
“ and surgical buildings.	The John Hayman & Sons Co., Ltd.....	Oct. 31, 1918	10,945 00
“ Military hospital, main sewer.....	The London Ry. Com. operating the London & Port Stanley Ry.	Nov. 19, 1918	Actual cost of work plus 10 per cent (during pleasure). 465,000 00
“ Military hospital, siding connecting with the London & Port Stanley Ry. Co.			
“ Military hospital. Active treatment wards, convalescent wards in connection with.	A. B. Coleman.....	Nov. 27, 1918	
“ Military hospital. Vehicle and ordnance store compound.	“	Dec. 4, 1918	7,970 00



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"	Military hospital. Power house in connection with.	"	A. S. Ponsford, Ltd.	Jan.	3, 1919	209,400 00
"	(Carling Temporary barracks. Sewerage.	"	Bate, McMahon & Co.	Jan.	8, 1919	29,528 00
Heights).	and water systems.					
Ontario.	Post-offices generally.		The Interior Hardwood Co., Ltd.	June	4, 1918	240 00
"	"		The Burton & Baldwin Mfg. Co., Ltd.	June	4, 1918	248 00
"	"		R. A. Sproule.	June	4, 1918	1,600 00
"	"		The Burton & Baldwin Mfg. Co., Ltd.	July	5, 1918	228 00
Ottawa.	Parliament Buildings.		Ahearn & Soper, Ltd.	April	17, 1918	21,500 00
"	Public buildings.		"	April	18, 1918	5,123 40
"	Dominion Government buildings.		Barret Bros.	April	18, 1918	85,781 00
"	Parliament Buildings.		Ontario Marbles Ltd.	April	23, 1918	3,501 00
"	Dominion Public Buildings.		The Perkins Electric Co.	May	6, 1918	32,500 00
"	Parliament Buildings.		McFarlane-Douglas Co., Ltd.	May	7, 1918	39,414 00
"	"		Ahearn & Soper Ltd.	May	7, 1918	5,152 50
"	"		Canadian General Electric Co.	May	7, 1918	1,144 00
"	(Militia and Defence) Auditor's Metallic fittings.		The Steel Equipment Co., Ltd.	May	11, 1918	334,650 and unit price of steel per pound erected, \$6.90 and Unit price of cast iron per pound erected \$8.00.
"	New Dom. Govt. office building Structural steel work.		Dominion Bridge Co., Ltd.	May	15, 1918	0 22½
"	Public buildings.		Geo. E. Kingsbury.	May	21, 1918	5,465 00
"	Dominion Public Buildings.		Barrett Bros.	May	23, 1918	12,430 00
"	"		"	May	23, 1918	14,250 00
"	"		J. A. Barrett.	June	6, 1918	(\$7.00 per cord) 1,400 00
"	Government Buildings & Experi-mental Farm.		F. W. Argue.	June	6, 1918	(\$8.50 per cord) 425 00
"	"		"	July	5, 1918	8,400 00
"	Parliament Buildings.		Douglas Milligan Co., Ltd.			
"	Supply of Custodis chimney at central heating plant.					



STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—Continued.

Works.	Names of Contractors.	Date of contract.	Amount.
PUBLIC BUILDINGS—Continued.			
Ontario.			
Ottawa.....Board of Pension Commissioners.....Supply of 53 filing cases.....	Office Specialty Mfg. Co., Ltd.....	July 9, 1918	\$ 2,491 00
".....Public Buildings.....Supply of 500 filing sections No. 14C V and 50 pairs of ends S2166.	The Steel Equipment Co., Ltd.....	July 9, 1918	20,900 00
".....".....Supply of 250 filing sections and 25 pairs of ends S2184.	Office Specialty Mfg. Co., Ltd.....	July 9, 1918	11,947 50
".....".....and Experimental Delivery of coal consigned from collieries.	Independent Coal Co., Ltd.....	Oct. 28, 1918	1.20 per ton and 1.40 per ton if coal has to be unloaded from cars into bins and later carted and delivered.
".....Ordnance store building.....Construction of.....	Doran & Devlin.....	Nov. 15, 1918	14,483 00
".....Parliament Buildings.....Elevator enclosure doors for.....	Canadian General Electric Co., Ltd.....	Nov. 16, 1918	51,000 00
".....Experimental Farm.....Root, seed and implement building construction of.	R. Taylor & J. Lackey.....	Jan. 28, 1919	9,950 00
*Port Colborne.....Public Building.....Alterations and additions to post office.	The J. T. Schell Co.....	Sept. 13, 1918	1,500 00
*Prescott.....".....Alterations and additions to post office fittings.	W. J. Hoy.....	Nov. 12, 1918	1,051 25
Toronto.....Military orthopaedic hospital.....Roofing and sheet metal work.....	H. Matthews, Ltd.....	May 15, 1918	4,163 00
".....Military garage.....Construction of.....	Wm. Williamson.....	Aug. 15, 1918	13,405 00
"....." orthopaedic hospital.....Heating and plumbing.....	Purdy, Mansell Ltd.....	Aug. 21, 1918	79,044 00
".....".....Electric wiring.....	Harris & Marson Electric Co.....	Aug. 21, 1918	19,219 37
".....".....Overhauling of elevator.....	Otis-Pensom Elevator Co., Ltd.....	Aug. 27, 1918	3,100 00
".....(Rose- Temporary barracks.....Construction of.....dale).	Allan C. Ross & Jos. F. Meagher.....	Sept. 30, 1918	327,020.70 and \$1.35 per c.yd. for grading of site.
Toronto.....Office of Inspector of taxation.....Fittings.....	Cameron & Campbell.....	Nov. 5, 1918	675 60
".....(Military orthopaedic hospital) Construction of.....kitchen wing.	The Jackson-Lewis Co., Ltd.....	Nov. 18, 1918	56,000 00
".....(Military orthopaedic hospital) new boiler house.	Russell-Navin Construction Co.....	Nov. 19, 1918	78,243 00

\*These items were received too late for insertion in last year's Annual Report (1918-1919).



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"	(Military garage)	Electric wiring	James Devonshire Ltd.	Dec.	4, 1918	478 50
"	Military orthopaedic hospital (Christie St.).	Lathing and plastering.	A. D. Grant	Dec.	30, 1918	15,985 00
"	Rosedale barracks.	Water supply and drainage service.	The Connolly-Agnew Construction Co., Ltd.	Jan.	6, 1919	Unit prices.
"	"	Transmission line for electric current and power.	James Devonshire Ltd.	Jan.	13, 1919	2,175 00
"	Medical officers' residence, nurses' dormitories, orderlies' building and storage building.		The Jackson-Lewis Co., Ltd.	Jan.	16, 1919	181,000 00
"	(Customs Examining Warehouse).	Temporary storage building.	Dickie Construction Co., Ltd.	Jan.	7, 1919	15,293 00
"	Military hospital	Painting and finishing of main buildings.	James Phinnemore	Jan.	21, 1919	19,998 00
"	" orthopaedic hospital.	Construction of	Dickie Construction Co., Ltd.	Jan.	27, 1919	28,931 00
"	" recreation building.	"	Dickie Construction Co., Ltd.	Jan.	27, 1919	58,112 75
"	hospital.		James Devonshire Ltd.	Jan.	31, 1919	2,500 00
"	Military orthopaedic hospital. Necessary power transmission lines.		Wm. Williamson	Feb.	20, 1919	41,481 00
"	Military orthopaedic hospital, limb factory.	Construction of				
Manitoba.						
Winnipeg	Neurological ward, Long Active Treatment Ward, Convalescent ward, Active Treatment ward and foundation walls with concrete piers on interior portions of all buildings.		Carter-Halls-Hedinger Co., Ltd.	Jan.	4, 1919	346,389 00
"	Military hospital	Construction of	R. N. Wyatt	Feb.	24, 1919	4,765 00
Alberta.						
Calgary	Detention cell building.	Construction of	W. H. Cawston	Nov.	6, 1918	3,100 00
Coutts	Two (2) cottages for immigration office.	Construction of	S. Stanford	Feb.	17, 1919	3,790 00
Edmonton	Convalescent hospital	Heating and plumbing.	J. A. Lockerbie Ltd.	Oct.	21, 1918	5,634 80
Grande Prairie	Public building	Construction of	Norman Cuthbertson	Dec.	9, 1918	6,270 00
Saskatchewan.						
Saskatoon	Post office	Electric dumb waiter complete in front of.	Lemery-Dennison Electric Ltd.	Oct.	11, 1918	1,000 00
Sutherland	Water system from town to nursery station.		R. B. McLeod and R. Jarrard	Sept.	17, 1918	Unit prices.
British Columbia.						
Balfour	Military convalescent hospital	Construction of	T. H. Watters & Co.	May	28, 1918	6,005 00
Esquimalt	18 cell building adjacent to detention barracks.	Construction of	Knott & Jones	Aug.	15, 1918	6,490 00



Works.	Names of Contractors.	Date of Contract.	Amount.
<div>PUBLIC BUILDINGS—<i>Continued.</i></div> <div><i>British Columbia.</i></div>			<div>\$</div> <div>cts.</div>
Esquimalt..... (Naval yard).....	Knott & Jones.....	Sept. 3, 1918	13,000 00
“..... (Naval dock-yard).....	Vancouver Island Marine Plumbing & Heating Co.	Oct. 7, 1918	20,574 00
William Head..... Quarantine station Three (3) hospital buildings.	Robertson & Partners Ltd.	May 28, 1918	9,295 00
“..... “.....	Canada Iron Foundries Ltd.....	July 29, 1918	2.20 per net ton for special castings flanged and 1.70 per net ton for special castings hub and spigot.
“..... “.....	National Iron Corporation Ltd.....	July 29, 1918	87.50 per ton of cast iron pipes supplied and delivered.
“..... “.....	North West Supplies Ltd.....	Aug. 1, 1918	145 per ton delivered.



Works.	Names of Contractors.	Date of contract.	Amount.
HARBOURS AND RIVERS.			
Nova Scotia.			
Battery Point.....South breakwater.....	W. H. Anderson.....	Sept. 11, 1918	\$ 3,450 00
Chimney Corner Wharf.....Construction of.....	Thos. D. Morrison.....	Aug. 26, 1918	5,700 00
Cow Bay (Port Breakwater.....Repairs to.....	Dan. McKenzie.....	Aug. 6, 1918	7,996 75
Morien).			
Fourchu.....Dredging.....	Atlantic Dredging Co., Ltd.....	Nov. 14, 1918	0-60
Halifax.....Retaining wall.....			
Inverness.....Breakwater.....	The Standard Construction Co., Ltd.....	Feb. 3, 1919	Unit prices.
	Reid & Archibald.....	Aug. 27, 1918	“
Lower Kingsburg “ skidway and boat shed.....	Donald Sutherland.....	Dec. 7, 1918	“
Margaree “ “.....	Maurice A. Condon.....	June 7, 1918	12,690 00
McKay's Point.....	Alex. Gillis.....	Aug. 29, 1918	3,740 00
Meteghan.....Wharf.....Repairs and renewals.....	A. Girroir & W. F. MacKinnon.....	Sept. 4, 1918	3,950 00
New Brunswick.			
Back Bay.....Public wharf.....Renewal of and repairs to.....	W. A. Munro.....	Mar. 11, 1919	Unit prices.
Shediac.....Wharf.....Repairs to.....	Days' labour.....	Aug. 19, 1918	1,400 00
Miramichi River Dredging.....Class “B” per cu.yd.....	Peter England.....	Sept. 4, 1918	0 44
North West (Lawlor's shore).			
St. John (Court-Harbour works.....Completion of and addition of 2,500 feet to breakwater and dredging channel and basin.	The St. John Dry Dock and Shipbuilding Co. Ltd.....	July 11, 1918	Sed. of prices.
St. John (West) ..Harbour, No. 7 wharf.....Repairs to and placing of additional ballast.	J. E. Kane & W. T. Ring.....	Aug. 28, 1918	“
Tynemouth Creek Western breakwater.....Reconstruction of southern wing.....	J. Stewart Parker.....	Jan. 21, 1919	“
Quebec.			
Laprairie.....Protection works being improvements to protection dyke.....	N. Poupart & Alph. Duranceau.....	Sept. 14, 1918	“
Matapedia.....(Interprovincial bridge over Resti-Renewal of flooring.....	J. C. McLean & J. A. Reid.....	Dec. 3, 1918	4,997 00
Ste Anne de Chi-Floating pontoon.....Construction of.....	Jos. Bouchard.....	Nov. 19, 1918	Sched. of prices.
coutimi.			
St. Maurice River Dredging.....Class “A” per cu.yd.....	The Laurin & Leitch Engineering & Construction Company Ltd.....	July 27, 1918	4 00
			0 18½



STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada from April 1, 1918 to March 31, 1919.

Works.	Names of Contractors.	Date of contract.	Amount.
<i>Ontario.</i>			\$ cts.
Bayfield.....South pier.....Renewal of.....	Weston Bros.....	Sept. 3, 1918	Unit prices.
Belleville.....(Warehouse on pier).....Improvements and general repairs.....	Lucius E. Allen.....	Oct. 2, 1918	"
Burlington Chan-Pier.....Repairs to.....	J. W. McAllister & J. Taylor.....	Aug. 22, 1918	"
Cobourg.....Langevin pier.....Repairs to.....	R. Brewder.....	July 18, 1918	"
Cobourg.....East pier.....Repairs to.....	R. Brewder & M. H. Lynn.....	Sept. 7, 1918	"
Fort William.....Pile wharf. (C.N.R. coal dock) Removal of.....	Stuart Mackenzie.....	July 2, 1918	\$3 per cord of 128 c.ft and all timber in super-structure and 0.10 per lin.-ft. of piling salvage, etc., etc.
Kingston.....Supply of electric power to operate bascule bridge.....	The Public Utilities Commission of City of Kingston.	April 29, 1918	0.03 for 1st 50 hrs. use of connected load or maximum demand.—0.02 2nd 50 hrs'. use of connected load or maximum demand,—and 0.15 for all excess plus 1.33½ per m. per h.p. of connected load from 15th Mar. to 15th Dec.
Point Edward.....Removal of any obstruction which may form in bed of river St. Clair, Ont.	The Chick Contracting Co., Ltd.....	Feb. 24, 1919	Sch. of prices.
Port Arthur.....Dredging additional quantity of 3,677 cu.yds—Class "A" per cu.yd.. Class "B" ".....	W. E. Phin.....	Sept. 12, 1918	2 00 0 13
Port Burwell.....Pier.....Repairs to.....	F. E. Tiff.....	Oct. 3, 1918	Unit prices.
Toronto (Harbour). Sea-wall, breakwater and a ship channel and turning basin and retaining walls.	Roger Miller & Sons, Ltd.....	Mar. 10, 1919	Basis of cost plus 7½ per cent



Manitoba.

Little Pembina Stop log dam, pile bridges and Construction of.....  
canal for diversion of river into  
Lake Pelican, Man...

Buchanan & Co.....

Oct. 7, 1918 Unit prices.

British Columbia.

Esquimalt..... Coaling jetty..... Construction of.....  
"..... Dockyard wharf.....  
False Creek..... Dumping of material and dredging of same to reclaimed grounds.....  
Hardy Bay (Co-Float..... Construction of.....  
mox).  
Steveston (Fraser Protective works to existing jetty. Construction of.....  
River).  
Tofino..... Government wharf..... Repairs to.....  
Vancouver..... "..... Installation of automatic sprinkler  
system in two wooden freight  
sheds.

Palmer Bros.....  
James McDonald & Abraham Watson.....  
Pacific Construction Co., Ltd.....  
A. W. Watson & J. McDonald.....

Sept. 4, 1918 45,157 00  
Mar. 1, 1919 Unit prices.  
Sept 18, 1918  
Oct. 24, 1918 2,136 00

Victoria. Pier Wooden shed, trackage, etc., etc.. Construction of.....  
No. 8.  
Victoria..... Government wharf..... Repairs to.....  
"..... Adjustable slip and alterations to protective fenders on pier No. 3.....

J. P. Hodgson & F. T. Ring.....  
Watson & McDonald.....  
Canadian General Fire Extinguisher Co., Ltd.....

Nov. 28, 1918 Unit prices.  
Nov. 15, 1918 "  
Sept. 27, 1918 32,853 45

Victoria. Pier Wooden shed, trackage, etc., etc.. Construction of.....  
No. 8.  
Victoria..... Government wharf..... Repairs to.....  
"..... Adjustable slip and alterations to protective fenders on pier No. 3.....

R. Monerieff.....  
Watson & McDonald.....  
R. Monerieff.....

Sept. 7, 1918 76,495 00  
Oct. 28, 1918 Unit prices.  
Feb. 13, 1919 3,500 00

Vessels, Dredges and Plant.

Repairs to, and docking and overhauling of *Rockbreaker No. 1*.....  
Supply of 700 tons of lump steam coal and run of mine steam coal for Departmental Dredg-  
ing Plant, Montreal, Que., for 1918-1919, per ton.

Yarrows Ltd.....  
Geo. Hall Coal Co. of Canada, Ltd.....

April 24, 1918 1,210 bulk amt.  
June 10, 1918 8.65 per ton of  
lump steam  
coal. 8.50 per  
ton of run of  
mine steam  
coal. 7,390 00

Overhauling and repairing of Dredge No. 3 *Fruhling*.....

Mar. 19, 1919

Government Telegraph Service.

Supply and delivery of 30,000 lbs. of galvanized iron telegraph wire for Nelson, B.C..  
and 5000 lbs for Quebec, Que.

The Steel Co. of Canada, Ltd.....

May 6, 1918 2,885 50



STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what purpose.	Area.	Price.
1918.						
April 3.....	John Hing.....	His Majesty.....	Release for all claims in re surrender of west ½ of lot No. 12, south side of Queen st., Ottawa, Ont.	New Gov't. office building.	.....	\$ 30 00 cts.
" 3.....	Lucien Trudel.....	" .....	Release for all claims for damages caused by flooding of lot No. 31, R. V, Township of Latulippe, Timiskaming, Que.	Quinze Lake dam.....	30.65 acres.....	392 00
" 9.....	Anna M. Andrews and T. J. Peria.....	" .....	Release for all claims for damages caused by flooding of lot No. 8, 5th Con., Township of Harris, Timiskaming, Ont.	Timiskaming reservoir dam.	.....	477 50
" 16.....	His Majesty.....	The City of Winnipeg.	Grant of parts of lots Nos. 57 and 58, Parish of St. James, Winnipeg, Man.	.....	1,679 sq. ft.....	815 15
May 1.....	J. J. Calvert.....	His Majesty.....	Certificate of ownership re south ½ of lot No. 4, Con VI, Township of Dymond, Timiskaming, Ont.	Timiskaming reservoir dam.	1.75 acre.....	25 00
" 14.....	The Vancouver Harbour Commissioners.	" .....	Reconveyance of the two-two acre parcels of land forming a portion of the Granville street mud flats, False Creek, B.C.	Depts. of Pub. Wks. and Marine and Fisheries.	.....	.....
" 27.....	Thomas Hamilton and Joe Jim Nom.	" .....	Surrender of lease and release for all claims, etc., caused by vacating the premises Nos. 56 and 58 O'Connor st., Ottawa, Ont.	New Gov't. office building.	.....	500 00
June 4.....	The University of Manitoba.	" .....	Sale of north east ¼ of sect. 6, Township IV, R. XV, Little Pembina river, Man.....	Improvements of navigation.	3.26 acres.....	10 00
" 5.....	The Executive Council of Province of New Brunswick.	" .....	Transfer of wharf and wharf site and approach, Back Bay, N.B.	Government purposes...	.....	Free transfer.
" 7.....	Bruno Perreault.....	" .....	Act of servitude re lot No. 53, R IV, Township of Guigues, Timiskaming, Que.	Timiskaming reservoir dam.	45.37 acres.....	45.37
" 14.....	Ovide Cadieux.....	" .....	Release of all claims for damages caused by flooding of lot No. 36, R 2, Township of Guigues, Timiskaming, Que.	Timiskaming reservoir dam.	.....	275 96
" 14.....	Con McGuire.....	" .....	Release of all claims for damages suffered in connection with the construction of Breakwater, North Bay, Ont.	.....	.....	641 34
" 21.....	Quebec Ry., Light, Heat & Power Co., Ltd.	" .....	Sale of strip of cadastral lot No. 57 (Beach lot) Sault Montmorency, Que.	Revetment wall.....	10,619 sq. ft.....	1,545 00
" 24.....	Certificate of Title.....	.....	Certificate of title re part 21, 100 acres of lot No. 1 of lot No. 398, Group 1, Nakusp, B.C.	Mooring and storage ground for dredg plant.	.....	.....



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June 28	Certificate of Title			Certificate of title <i>re</i> portion of south west 1/4 Sect. 5, Township IV, R XV, Little Pembina riv., Man. and portion of north west 1/4 of sect. 32, Township 3, R XV, Little Pembina riv., Man.	Diversion into Lake Pe- hican.	5,211 acres.	
" 29	His Majesty	Levis County Railway		Permission to construct a "Y" for electric cars on road leading to Lorne Dry dock at Lauzon, Que.	"	2,135 "	1.00 per an- num.
July 2	William Martin Leacy	His Majesty		Release for all claims and demands in connec- tion with improvements to Tunnel bay wharf, Brockville...			1,219 63
" 8	Joshua Fletcher and Es- tate of A. S. McLean.	"		Sale of lots Nos. 1 and 2, Block 4, Grande Prairie City, Alta.	Dominion lands office		1,000 00
" 12	Janet Thompson <i>es qual</i> .	"		Sale of part of south east 1/4 of Sect. 6, Town- ship IV, R XV, west of meridian, Little Pembina riv., Man.	Little Pembina River Diversion.		367 80
" 13	His Majesty	J. W. Hennessy Incorporated.		Bill of Sale <i>re</i> scow No. 33, P. Wks of Canada			11,200 00
" 13	"	"		" No. 32 "			11,200 00
" 13	"	"		" dredge No. 114 "			11,200 00
" 13	"	"		" ship "St. Paul" "			11,200 00
" 13	His Majesty	W. J. Hennessy Incorporated.		Bill of Sale <i>re</i> scow No. 50, Public Wks of Canada			11,200 00
" 13	Certificate of Title			Certificate of title <i>re</i> portion of river lots 68 and 69, Parish of St. Clements, Selkirk, Man.	Dredging Fleet.	7,124 acres.	
" 16	The Board of Governors of St. Andrews College.	His Majesty		Sale of property in North Rosedale, Toronto, Ont.	Site for military hospital		500,000 00
" 19	Jos. Trepanier	"		Release for all claims for damages caused by flooding of lots Nos. 54 and 55, R. 1, Town- ship of Duhamel, Que.	Timiskaming reservoir.	277.50 acres.	35 00
" 19	Dept. of Interior	Dept. of Public Works.		Transfer of a small parcel of land at House River, Alta.	Telegraph stn.	0.85 acre.	Free transfer.
" 22	David Irving	His Majesty		Release for all claims, etc., <i>re</i> surrender of Lease in connection with message 60 and 62, O'Connor st., Ottawa, Ont.	New gov't. office build- ing.		407 00
" 30	H. Friedman	"		Release for all claims, etc., <i>re</i> surrender of Lease in connection with message No. 170 Queen st., Ottawa, Ont.	New gov't. office build- ing.		50 00
" 30	Hum Young	"		Release for all claims, etc., <i>re</i> surrender of Lease in connection with premises on lots No. 12 and 13, north side of Albert st., Ottawa, Ont.	New gov't office build- ing.		1,625 00
" 31	Dept. of Public Works	Northern Fish Company.		Bill of Sale <i>re</i> Tug "Carberry"			2,000 00
Aug. 5	Achille Verhelst	His Majesty		Release for all claims for damages caused by flooding of lot No. 27, R 2, Tp. of Fabre, Que.	Timiskaming reservoir dam.		1,500 00



STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—Continued.

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what purpose.	Area.	Price.
						\$ cts.
1918						
Aug. 9	His Majesty.	The Toronto Harbour Commissioners.	Quit claim deed re water lot "A", Toronto, Ont.		52.93 acres.	
" 9	Magloire Larivee.	His Majesty.	Sale of piece of land-part of lot No. 5 of official cadastre of Village of Lauzon, Que.	Levis dry dock site	398,000 sq. ft.	43,468 74
" 12	Notice of expropriation.		Expropriated land on east side of southeast Passage of Halifax harbour, N.S.	Seaplane station	16.31 acres.	
" 12	"		Expropriated land on east side of Southeast Passage of Halifax harbour, N.S.	" (Eastern passage).	3.50 "	
" 12	"		Expropriated land on east side of Southeast Passage of Halifax harbour, N.S.	Seaplane station (Eastern passage).	19.5 "	
" 12	Janet Ethelinda Roelofson.	His Majesty.	Grant of right of way on portion of Section 82, Esquimaux, B.C.	Water supply pipe to be laid to Quar. station, William Head, B.C.	0.1 acre.	75 00
" 14	Notice of Expropriation.		Expropriation of "Brant Park hotel property", Burlington Village, Ont.	Military purposes.		
" 20	Geo. Thibault.	His Majesty.	Release for all claims for damages caused to sawmill property, Township of Latulippe, Timiskaming, Que.	Quinze lake reservoir dam.	1.05 acres.	970 00
" 22	Notice of Expropriation.		Expropriation of land being parcels of lots Nos. 1, 2, 3 and 4 in lot No. 17, Con 2 from Bay, Township of York, Toronto, Ont.	Military hospital.	27.9 "	
Sept. 3	"		Expropriated land at Upper North Sydney, N.S.	Airship station.	5.82 acres.	
" 3	"		"	"	12.3 "	
" 3	"		"	"	16.7 "	
" 3	"		"	"	5.64 "	
" 3	"		"	"	15.2 "	
" 3	"		" North	Seaplane station.	14,000 sq. ft.	
" 3	"		"	"	56,260 "	
" 3	"		"	"	18.7 acres.	
" 3	"		"	"	132,000 sq. ft.	
Sept. 11	Certificate of title.		Certificate of title re north-east ¼ of Sect. 22, Tp. 20, R 21, 2nd meridian, Province of Saskatchewan.	Craven dam.	50 acres.	
" 21	" of Ownership.		Release for damages caused to lot No. 7, south side of Sharpe St., New Liskeard, Ont.	Timiskaming reservoir dam.		
" 28	The Corporation of Township of Westminster.	His Majesty.	Permission to construct and maintain a covered sewer or drain along base line to High st., and thence along High st. to Chester st., London, Ont.	Sewer in connection with military hospital.		



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Oct. 2.....	Notice of Expropriation.....	.....	Expropriation of parts of lots Nos. 47, 48 and 49, Township of Fabre, Timiskaming, Que.	Timiskaming reservoir 0.08 acre.....	
" 5.....	John Mossman et ux.....	His Majesty.....	Sale of parcel of land at Lower Kingsburg, N.S.	Skidway and break-0.03 acre.....	20 00
" 5.....	James Mosher et ux.....	".....	Sale of parcel of land at Lower Kingsburg, N.S.	" 0.13 acre.....	50 00
" 11.....	Notice of Expropriation.....	.....	Expropriated land being part of lot No. 22, Block 1, Parcel 1, Burlington, Ont.	Military purposes.....	
" 12.....	".....	.....	Expropriation of lots Nos. 19 and 20, R 1, Township of Gaboury, Pontiac Co., Que.	Quinze lake reservoir 3.85 acres. Parcel No. 2, 8.52 acres. Parcel No. 3, 8.63 acres.	
" 15.....	".....	.....	Expropriation of lots Nos. 5 to 10, both inclusive, in block 372, Regina, Sask.	Militia & Defence.....	
Nov. 1.....	Notice of abandonment.....	.....	Abandonment of portion of land forming part of lot No. 560, St. Charles River, Que.	1,418,310 sq. ft.	
" 13.....	Certificate of Ownership.....	.....	Certificate of ownership <i>re</i> property on lot "A", block 2, plan M-11, Sharpe st., New Liskeard, Ont.	Timiskaming reservoir dam.	350 00
" 19.....	The London R'y. Commission operating the London & Port Stanley R'y.	His Majesty.....	Agreement <i>re</i> construction of siding connecting with the London and Port Stanley Railway. (London, Ont).	London military hospital.	Actual cost of work plus 10% (during pleasure).
" 22.....	His Majesty.....	The Riordan Pulp and Paper Company, Limited.	Exchange of portion of lot No. 24 for an equal area in Tp. of Gendreau, Que.	Private enterprise.....	
Dec. 5.....	W. S. Gibson.....	His Majesty.....	Quit claim deed <i>re</i> parcel of land composed of part of lot No. 23 in 1st Con, Tp. of Westminster, Ont.	Military hospital at London, Ont.	1,000
" 12.....	Joseph Houle.....	".....	Release for all claims for damages caused to portions of lots Nos. 19 and 20, R 1, Tp. of Gaboury, Que.	Reservoir Lake Dam and Sluiceways.	207 75
" 18.....	Daniel MacDonald.....	".....	Sale of land on east side of Southeast Passage, Halifax Harbour, N.S.	Airship and Kite Balloon stn.	8,407 00
1919.					
Jan. 7.....	Notice of Expropriation.....	.....	Expropriation of two pieces of land (one along shore and another from shore), over a private road to public road, Chimney Corner, N.S.	Wharf and roadway.....	2.97 acres.....
" 30.....	New Brunswick school for the Deaf.	His Majesty.....	Sale of land known as "New Brunswick School for the Deaf", Parish of Lancaster, N.B.	Gov't. purposes.....	20,000 00



STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1918 to March 31, 1919—*Concluded.*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
						\$ cts.
1919.						
Feb. 3.....	Gillies Bros. Limited.....	His Majesty.....	Release for all claims, past, present and future for damages caused or to be caused to lots Nos. 23, 24, 25, and 26 R 7, Tp. of Baby, Timiskaming, Que.	Timiskaming reservoir dam.	45.41 acres.....	5,000 00
			and Nos. 22, 23, 24 and 25, R 7, Tp. of Laverlockere, Que.	"	6.73 "	
			and Nos. 1, and 2 R 8, Tp. of Latulippe, Timiskaming, Que.	"	34.31 "	
Feb. 8.....	James Daniels.....	"	Grant of easement for the right to place, lay and maintain under lot No. 3, Metehosin Dist., Vancouver Island, B.C., a water pipe in connection with water supply pipe to be laid to Quarantine Station, William Head, B.C.	Water service at Quar. stn., William Head, B.C.	0.37 acre.....	400 00
" 12.....	Notice of Expropriation.....		Expropriated parcel of land and premises in Sect. 82, Metehosin Dist. Vancouver Island, B.C.	Quarantine Stn.—William Head.	0.05 acre.....	
" 18.....	Canadian Pacific Ry. Co'y	His Majesty...	Agreement to provide power service for use of two wires between Vancouver and Squamish and Vancouver and Campbell River, B.C.	Gov't. purposes.....	For 1 yr. and thereafter until agreement is terminated.	\$65.00 per annum.
" 18.....	His Majesty.....	Canadian Pacific Ry. Co.	Special grant of lots Nos. 46, 47 and 48, Parish of St. John, (Winnipeg), Man.			
" 25.....	Notice of Expropriation...		Expropriation of land composed of part of block No. 2, Melita St., Toronto, Ont.	Orthopaedic military hospital.		
" 25.....	"		Expropriation of land composed of part of block No. 2, Melita st., Toronto, Ont.	Orthopaedic military hospital.		
Mar. 3.....	"		Expropriation of leasehold's interest (from 3rd March '19) of part of lot No. 13 in 3rd Con, Tp. of Clinton, Co. of Lincoln, Ont.	Temporary military hospital.	45 acres.....	
" 3.....	"		Expropriation of leasehold's interest (from 3rd Meh '19) of part of lot No. 13 in 3rd Con, Tp. of Clinton, Co. of Lincoln, Ont.	Temporary military hospital.	6 acres.....	
" 3.....	"		Expropriation of leasehold's interest (from 3rd Meh '19) of part of lot No. 14 in 4th Con, Tp. of Clinton, Co. of Lincoln, Ont.	Temporary military hospital.	6 acres.....	
" 3.....	"		Expropriation of leasehold's interest (from 3rd Meh '19) of part of lot No. 13 in 4th Con, Tp. of Clinton, Co. of Lincoln, Ont.	Temporary military hospital.	53 acres.....	



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Mar. 10.....	Odilon Gingras.....	His Majesty.....	Release for all claims for damages past, present and future, caused or to be caused to portions of lot No. 24, R. 8, Tp. of Latulippe, Que.	Fifteen Lake dam and Sluiceways.	116 25
" 12.....	The Trust & Loan Co. of Canada.	" .....	Consent to servitude in perpetuity upon lot No. 46, R. 4, Tp. of Guigues, Que.	Fifteen Lake dam and Sluiceways.	53 42
" 25.....	Notice of Abandonment.....	.....	Abandonment of parcel of land at Upper North Sydney, N.S.	.....	12.3 acres.....
" 25.....	" .....	.....	" .....	.....	5.64 " .....
" 25.....	" .....	.....	" .....	.....	16.7 " .....
" 25.....	" .....	.....	" .....	.....	15.2 " .....
" 25.....	" .....	.....	" .....	.....	5.82 " .....
" 28.....	Ella Giles.....	His Majesty.....	Sale of land, being blocks Nos. 186, 187 and 188, Portsmouth, Ont.	Observation hospital....	23 acres, 2 rods and 33 perches

The following items were received too late for insertion in last year's report (1917-1818):—

1882.					\$1.00 per annum and as long as required.
Sept. 6.....	The City of Montreal.....	Her late Majesty (Queen Victoria).	Deed of use and enjoyment of drill shed Craig st., Montreal, P.Q.		



STATEMENT No. 2.—Properties Purchased or Sold by the Department of Public Works of Canada, from April 1, 1918 to March 31, 1919.

The following items were received too late for insertion in last year's annual report (1917-1918):—

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1910. Dec. 1 .....	The Can. Pac. Ry. Co. ....	His Majesty ...	Agreement by which the Company will construct siding connecting Provincial reformatory farm with Co's line at Guelph, Ont.	Militia and Defence.....	.....	5% per annum on actual cost of pile bridge, the estimated cost of which is \$3,405.00 per annum—(during period that this Agreement remains in force.) \$ 1,920 00
1913. Nov. 15.....	Perley W. Mutch and wife.	" .....	Sale of lot No. 48, Tp. of Southport, Queens Co., P.E.I.	Gov't. purposes.....	6.4 acres.....	620 00
Dec. 31 .....	James Skinner et al. ....	" .....	Release for all claims and demands in connection with right of way over property at Skinner's Cove, N.S.	" .....	.....	1 00
1915. Aug. 21.....	Can. Pac. R'y. Co. ....	" .....	Easement Agreement granting privilege of right of way upon lands adjoining on south of immigration building—(same being a portion of Meade st., Parish of St. John, Winnipeg, Man.).	Immig.-B'ld'g. site.....	.....	1 00
1916. Aug. 21.....	Can. Pac. R'y. Co. ....	" .....	Easement Agreement granting privilege of right of way upon lands adjoining on south of immigration building (same being a portion of Meade st., Parish of St. John, Winnipeg, Man.).	Immig. B'ld'g. site.....	.....	\$62.75 per annum during period this Agreement remains in force.
1917. Oct. 25.....	Notice of Abandonment....	.....	Abandonment of land, same being portion of lot No. 104, St. Andrews Parish, Man.	.....	0.89 acre.....	
Dec. 1 .....	Can. Pac. R'y. Co. ....	His Majesty ...	Permission to construct railway siding to connect Military Hospital premises with C.P.R. at Ste. Anne de Bellevue, Que.	Militia and Defence.....	.....	



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1918. Jan. 25.....	Dme Aurore Duclos and vir.	His Majesty.....	Release for all claims, etc., for damages caused by flooding of part of lot No. 36, R. III, Tp. of Guigues, Timiskaming, Que.	Timiskaming reservoir dam.	52.71 acres.....	250 00
Mar. 6.....	The Trust & Loan Co. of Canada.	"	Deed of consent <i>re</i> parts of lots Nos. 2 and 3, R. IV, Tp. of Duhamel, Timiskaming, Que.	Timiskaming reservoir dam.		
" 6.....	The Trust & Loan Co. of Canada.	"	Deed of consent <i>re</i> parts of lots Nos. 54 and 55, R. I, Tp. of Duhamel, Timiskaming, Que.	Timiskaming reservoir dam.		
" 8.....	Davie Shipbuilding & Re- pairing Co., Ltd., (suc- cessors to Geo. T. Davie & Sons.)	"	Promise of sale <i>re</i> parcel of land forming part of lot No. 5. and of parcel of land forming part of lot No. 4. also parcel of land No. 5, forming part of lot No. 4, Village of Lauzon (West part), Que.		65,840 sq. ft. eng. meas. 42,252 sq. ft. eng. meas. 27,934 sq. ft. eng. meas.	
" 11.....	Notice of Expropriation...	.....	Expropriation of parcel of land forming parts of lot No. 14, of parts of St. J. Bte. and St. Thomas sts. of subdivision lots No. 6 and being numbered 6-1, 6-2, 6-3, 6-3, 6-6, 6-7, 6-8, 6-9, 6-10, 6-21, 6-26, 6-19, 6-18, 6-17, 6-16, 6-22, 6-23, 6-24, 6-25, 6-26, 6-27, and parts of 6-5, 6-11, 6-15 and 6-28 of Official Cadastral Plan, etc., Village of Lauzon, Que.	Champlain dry dock..... Quar. station at William Head.		
" 13.....	"	.....	Expropriation of land and premises being por- tion of Sect. 56, Parry Bay, Metchosin Dist., Vancouver island, B.C.			
" 21.....	La municipalite de la Pa- roisse de St. Edouard de Fabre.	His Majesty.....	Release for all claims for damages caused to lots Nos. 32, 33, 34 and part of lot No. 44, Tp. of St. Edouard de Fabre, Pontiac Co., Que.	Timiskaming reservoir dam.		382 74



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.

Date of Lease.	Lessor.	Lessee.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1918 April 1	Alexander Macdonald	His Majesty	Lease of rooms Nos. 8 to 13, both inclusive, in "K.W.C." Block, cor. Ward and Baker Sts., Nelson, B.C.	Dist. Engr. P. Works Dept.	1 year from 1st April, 1918.	\$35 p. month.
" 1	McCallum Hill Buildings, Ltd.	"	Lease of 1,000 sq. ft. of building, 1874 Searth St., Regina, Sask.	Inland Revenue Dept.	2 years from date of occupation.	\$1,200 p. ann.
" 1	Canadian Pacific Railway Co.	"	Lease of office on ground floor of "Canadian Pacific Railway Co. Building," Montreal, Que.	Militia and Defence.	1 year from 1st April, 1918.	\$840 p. annum.
" 3	St. George's Society	"	Lease of "St. George's Home" 5 Mansfield St., Montreal, Que.	"	1 year from 1st March, 1918.	\$3,600 p. ann.
" 4	The Canadian City and Town Properties.	"	Lease of 2,000 sq. ft. on ground floor of "York Building," Nos. 215 and 217, cor. of 2nd Ave. and 23rd St., Saskatoon, Sask.	Customs and E'x'g. Warehouse.	1 year from 5th June, 1918.	\$1,400 p. ann.
" 10	E. J. Dignum	"	Lease of premises No. 141 Isabella St., Toronto, Ont.	Nurses' Home.	3 years from 1st May, 1918.	\$1,500 p. ann.
" 12	Women's Branch of the Civil S. Association.	"	Lease of top flat of "Scottish Rite Building," Sparks St., Ottawa, Ont.	Government offices	3 years from 1st May, 1918.	\$600 p. annum.
" 15	The Bank of Toronto	"	Lease of part of building, No. 365 Richmond St., London, Ont.	"	1 year from 15th April, 1918.	\$57 35 p. m.
" 16	"	"	Lease of rooms Nos. 1, 2, 3 and 4 with vault accomodation on 2nd flat of building, n.e. cor. of King and Brock Sts., Kingston, Ont.	Militia and Defence.	6 months from 1st May, 1918.	\$37 50 p. m.
" 18	R. T. Elliott, H. A. MacLean, H. H. Shandley, H. M. Fullerton, and Thos. M. McPherson.	"	Lease of premises in "Central Building," n.w. cor. of Broad and View Sts., Victoria, B.C.	Militia and Defence.	3 yrs. from 18th April, 1918.	\$7,200 p. ann.
" 18	The Ashbury College Co., Ltd.	"	Lease of building No. 140 Argyle Ave., Ottawa, Ont.	House of Commons restaurant.	1 year from 1st March, 1918.	\$2,000 p. ann.
" 18	R. L. and R. Blackburn	"	Lease of stores Nos. 49 and 51 and 1st floor over store No. 51 Bank st., Ottawa, Ont.	Various branches of Federal Government.	1 year from 1st May, 1918.	\$100 p. m.
" 18	Moir's Limited	"	Lease of "Moir's stable property" between Almon and Edinburgh sts., (Willow Park), Halifax, N.S.	Militia and Defence.	From 17th May, 1917 and as required.	\$40 p. month.
" 22	A. Mackenzie	"	Lease of room No. 7 in "Central Building," Calgary, Alta.	Government purposes.	From month to month.	\$15 p. month.
" 22	Eastern Trust Company	"	Lease of three rooms and small office on 1st floor of building, No. 84 Hollis st., Halifax, N.S.	Insp. of Taxation and stenographer.	1 year from 1st May, 1918.	\$750 p. ann.



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2	Edward Blake Thompson	His Majesty	Lease of premises Nos. 213 and 219, northerly side of Queen st., Kingston, Ont.	Military hospital	1 year from 1st May, 1918.	\$600 p. annum.
"	Imperial Realty Co., Ltd.	"	Lease of office on east side of ground floor of "Canadian Building," Nos. 12 and 14 Slater st., Ottawa, Ont.	Federal Administration of Dom. of Can.	From date of occupation to 1st May, 1923.	of \$186.19 p. ann.
"	R. T. Elliott, H. A. MacLean, H. H. Shandley, H. M. Fullerton and Thos. S. MacPherson.	"	Rental of six rooms on 4th floor of "Central Building," Victoria, B.C.	Militia Hospital Board.	From date of occupation.	\$10 each p. m. (monthly tenancy).
"	Dominion Fish and Fruit Ltd.	"	Lease of ground floor of "Dominion Building," St. Peter st., Quebec, Que.	Postal Station "B"	1 year from 1st May, 1918.	\$3,000 p. ann.
"	La Cie d'Assurance sur la vie "La Sauvegarde".	"	Lease of office in "La Sauvegarde Building" s.e. cor. of Notre Dame and St. Vincent sts., Montreal, Que.	Naval Service Dept.	From 1st May, 18 to 30th April, 1919.	\$500 p. annum.
"	Nova Scotia Trust Co. Ltd.	"	Lease of 425 sq. ft. on 2nd floor of "Board of Trade" building, Calgary, Alta.	Insp. of Weights and Measures.	1 year from 30th April, 1918.	\$361.25 p. ann.
1	Corporation of the City of Toronto.	"	Lease of entire building known as "No. 700" Wellington st west, Toronto, Ont.	Militia and Defence.	From month to month from 1st May, 1918.	\$75 p. month, (monthly tenancy).
"	Miss Mary E. Major	"	Lease of two rooms on ground floor of brick building No. 103 Prince William st., St. John, N.B.	Officer in charge of Forestry and Railway construction.	1 year from 1st May, 1918.	\$240 p. annum.
"	Ottawa Building Co. Ltd.	"	Lease of "Nagle Building" Nos. 98-100, south side of Wellington st., Ottawa, Ont.	Forestry and Railway Construction, Militia and Defence.	1 year from 1st May, 1918.	\$2,500 p. ann.
"	Fred. W. Scott	"	Lease of suites Nos. 302 and 303, in "Scott Block," Main st., Winnipeg, Man.	Chief Insp. of Dominion Lands.	2 years from 1st April, 1918.	\$960 p. ann.
"	Dominion Life Assurance Company.	"	Lease of 1,800 sq. ft. on 5th floor of building, Regina, Sask.	War Tax Inspector	1 year from 1st May, 1918.	\$1,800 p. ann.
"	J. O. Giroux	"	Lease of parts of large room in building on lot No. 1, Block C.R.L. 29 Grouard, Alta.	Immigration purposes.	12 months from 1st June, 1918.	\$20 p. month.
"	L'Auditorium de Quebec Ltée.	"	Lease of 2nd, 3rd and 4th stories of L'Auditorium Annex," Quebec, Que.	Military service branch	3 years from 1st June, 1918.	\$5,100 p. ann.
"	John Chas. Brennan	"	Lease of several rooms on 1st, 2nd, 3rd and 4th floors in "Trafalgar building", Ottawa, Ont.	Various branches of Federal Government.	3 years from 1st May, 1918.	\$16,680.60 p. ann.
"	His Majesty	Foley Bros., Welch and Stewart and Fauquier.	Lease of Dredge "Restigouche"		Minimum period 4 months.	\$250 p. week.
"	The Trust and Loan Co. of Canada.	His Majesty	Lease of 2,000 sq. ft. in building on Portage ave. East, Winnipeg, Man.	Inspector of Taxation.	2 years from date of occupation.	\$1,500 p. ann.
"	Concrete Construction Ltd	"	Lease of a complete cement gun plant.	In connection with restoration of Parliament Buildings.		\$35 p. day.
"	The Community of the Sisters of Charity of the General Hospital of Montreal.	"	Lease of message and premises No. 23 Jeanne Mance st., Montreal, Que.	Militia and Defence.	1 year from 1st May, 1918.	\$1,800 p. ann.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—  
*Continued.*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For What Purpose.	Duration of Lease.	Rental.
1918 May 13	Northern Investment Agency, Ltd.	His Majesty	Lease of rooms Nos. 609-610 on 6th floor of "Agency Building," Jasper ave., Edmonton, Alta.	Inspector of Fisheries, Naval Service.	From month to month from 1st June, 1918.	\$20 p. month.
" 13	The World Newspaper Co. of Toronto, Limited.	"	Lease of 5,000 sq. ft. on 3rd floor of "World Building," No. 40 West Richmond st., Toronto, Ont.	Militia and Defence.	From 30th May, 1918 for and during term of present war and one year thereafter.	\$4,250 p. ann.
" 15	Mrs. Loretta Ann Osment	"	Lease of the whole of 2nd floor of two storey building, Main st., and 650 sq. ft. on 1st floor adjoining building, Indian Head, Sask.	Forestry branch, Int. Dept.	1 year from 1st Sept., 1918.	\$43 per m.
" 15	Northern Investment Co., Ltd.	"	Lease of rooms Nos. 609-610 on 6th floor of "Agency Building," Jasper ave., Edmonton, Alta.	Naval Service.	From month to month from 1st June, 1918.	\$20 p. month.
" 16	The Bank of Toronto	"	Lease of room on upper floor of Bank building, n.w. cor. of Queen st. and Logan ave., Toronto, Ont.	Gas and Electricity Inspector.	1 year from 1st May, 1918.	\$180 p. ann.
" 16	Mrs. Edith Marion Shorey (widow of late F. H. P. Buchanan).	"	Lease of office room on 2nd floor of civic No. 394, Victoria ave., Westmount, P.Q.	Inland Revenue Dept.	1 year from 1st May, 1918.	\$192 p. ann.
" 20	Henry W. Frink (agent Atty for E. H. Turnbull)	"	Lease of ground floor and basement, etc., in building No. 160 Prince William st., St. John, N.B.	Militia and Defence.	1 year from 20th May, 1918.	\$350 p. ann.
" 20	M. Robt. McQuarrie and Hugh W. Robertson...	"	Lease of two rooms in "Aberdeen Block," Nelson, B.C.	Inspector of Taxation...	From month to month, from 4th April, 1918	\$18 p. month (monthly tenancy).
" 21	Capital Storage Co. Ltd	"	Lease of whole of building and annex thereto on s.w. cor. of Emmett and Lewis sts., Ottawa, Ont.	General medical service, Militia and Defence.	5 years from 1st May, 1918.	\$5,488 p. ann.
" 21	Jas. M. Harper and Alex. S. McArthur.	"	Lease of premises in "McArthur Block" on n.e. cor. of Hastings and Main sts., Vancouver, B.C.	Several depts. of Federal Government.	3 years from date of occupation.	\$7,200 p. ann.
" 22	R. L. and R. Blackburn	"	Lease of Motor building (except basement), Spark st., Ottawa, Ont.	Interior Department	5 yrs. from date of occupation.	\$14,193 p. ann.
" 24	The Board of Education for City of Toronto.	"	Lease of "Old Park School Building," Toronto, Ont.	Militia and Defence.	From 24th May, 1918 to end of war.	No charge.



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May	29	Eastern Trust Company	His Majesty	Lease of 216 sq. ft. on 3rd floor of "McCurdy Building," Halifax, N.S.	Inspector of Fisheries	1 year from 1st Aug., 1918.	\$200 p. ann.
"	30	The Merchants Bank of Canada.	"	Lease of message in building, Perth, Ont.	Inland Revenue Dept.	3 months from 1st June, 1918.	\$310 p. ann. (renewable)
"	30	Canada Cloak Company,	"	Lease of 4th floor of building Nos. 63 to 71 (both incl.) Wellington st. west, Toronto, Ont.	Medical stores for Militia and Defence.	From 1st May, 1918 to conclusion of war and 1 year thereafter.	\$3,850 p. ann.
"	31	Alice M. Rogers	"	Lease of store on ground floor of premises No. 192 Ontario st., Kingston, Ont.	Immigration Office	1 year from 31st May, 1918.	\$80 p. ann.
June	1	The Farmers' Advocate	"	Lease of 236 sq. ft. on 2nd floor of Langside st. section of building, cor. of Notre Dame and Langside sts., Winnipeg, Man.	Inland Revenue	5 years from 1st June, 1918.	\$900 p. ann.
"	1	The Calgary Paint Glass Co., Limited.	"	Lease of one 6 storey building on lots Nos. 19 and 20, Block 66, Calgary, Alta.	Militia and Defence	3 years from 8th July, 1918.	\$3,400 p. ann.
"	1	Corporation of City of Toronto.	"	Lease of 5 pens in City cattle market, Wellington st., west, Toronto, Ont.	"	6 months from 1st June, 1918.	\$60 p. month.
"	4	Rev. P. D. Labreche, P.P.	"	Lease of Catholic school near C.P.R. station, St. Johns, Que.	"	1 month from 1st May, 1918 and thereafter from month to month.	\$100 p. month.
"	5	Laurentian Club	"	Lease of "Old Laurentian Club Building," Ottawa, Ont.	Dairy Commissioner's staff (D. of Agr.)	3 years from 1st June, 1918.	\$2,750 p. ann.
"	5	Alexander Mullin	"	Lease of premises s.w. cor. of Bloor and Markham sts., Toronto, Ont.	Postal station "F"	1 year from 1st Aug., 1918.	\$1,440 p. ann.
"	6	Lawrence Victor Kerr	"	Lease of part of "The Ryan Garage" on Albert st., Regina, Sask.	Militia and Defence	10 months from 1st April, 1918	\$95 p. month.
"	7	The Protestant Board of School Commission of Montreal.	"	Lease of premises fronting on Peel and Metcalfe sts., Montreal, Que.	"	From 15th Jan., 1916 until end of 3 months after conclusion of war.	\$750 p. month.
"	7	Webster & Sons Limited	"	Lease of a right of way from lane at side of Lemieux building, St. Peter to Dalhousie sts., Quebec, Que.	"	1 year from 1st May, 1918 and thereafter from year to year.	\$250 p. ann.
"	14	J. O'Brien Auto Co. Registered.	"	Lease of ground and 1st floors in building, cor. St. Augustine Hill and St. Patrick sts., Quebec, Que.	"	1 year from 1st April, 1918.	\$75 p. month.
"	17	"McCallum Hill Building," Limited.	"	Lease of room No. 809 in building No. 1874, Scarth st., Regina, Sask.	Soldiers' Settlement Board.	2 years from 21st March, 1918.	\$480 p. ann.
"	18	The Imperial Canadian Trust Co.	"	Lease of rooms Nos. 705 and 706 on 7th floor of "Great West Permanent Loan Building," No. 356 Main st., Winnipeg, Man.	Militia and Defence	1 year from 1st April, 1918.	\$277.20 p. ann.
"	18	St. John's Amateur Athletic Association.	"	Lease of "Curling Rink", St. Johns, Que.	"	1 year from 1st May, 1918.	\$300 p. ann.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—  
*Continued.*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1918						
June 19	Harry A. Knight	His Majesty	Lease of premises on lots Nos. 1 to 8, both inclusive, Block 195, Regina, Sask.	"	1 year from 1st Oct., 1918.	\$2,780 p. ann.
" 20	Geo. Phaesey and C. C. Batson.	"	Lease of 2 stores on ground floor of "Alexandra Block," Howard ave., Edmonton, Alta.	Dominion Lands Office.	1 year from 1st July, 1918.	\$360 p. month, (renewable)
" 21	Jarvis Verner McLellan.	"	Lease of one room in "Stockton Building," No. 94 Prince William st., St. John, N.B.	Assistant Director of Medical Service, (M. and D.)	1 year from date of occupation	\$100 p. ann.
" 24	His Majesty.	The Halifax Shipyards, Limited.	Lease of land and land covered by water with plant machinery, etc., Richmond, Halifax, N.S.	Area, 7.5 acres.	1 year from 24th June, 1918.	\$62,500 p. ann.
" 24	Northern Electric Co., Ltd.	His Majesty	Lease of factory building, n.e. cor. of Guy and St. James sts. and yard with buildings, n.w. cor. of said sts., Montreal, Que.	Militia and Defence.	1 yr. from 1st June, 1917.	\$535 p. month, (monthly).
" 25	Hiram Robinson.	"	Lease of whole "Robinson Building," s. side of Queen st., Ottawa, Ont., except one store and basement under said store.	Any branch of government service.	1 year from 1st Sept., 1918.	\$15,200 p. ann., (renewable)
" 27	The Governors of the University of Toronto.	"	Lease of portion of grounds on north side of Hoskin ave., Toronto, Ont.	Gardening purposes, (M. and D.)	1 year from 15th May, 1918.	\$18 p. ann, (renewable)
1	Montreal Trust Company.	"	Lease of 4,008 sq. ft. and 2nd floor and lavatory and hall in building No. 121 Hollis st., Halifax, N.S.	Registrar (Military Service Act).	From date of occupation to 1st May, 1919.	\$100 p. month.
1	The Bank of Nova Scotia	"	Lease of room No. 31 in Bank building, s.w. cor. of St. Paul and St. James sts., St. Catharines, Ont.	Inspector of Taxation.	1 year from 1st July, 1918.	\$300 p. annum.
" 1	Notre Dame Investment Company.	"	Lease of portion of 5th floor of Notre Dame Investment building, Winnipeg, Man.	Government offices.	From 1st Aug., 1918.	\$116.66 p. m., monthly.
" 1	Board of Management of Manitoba College.	"	Lease of "Manitoba College property," Winnipeg, Man.	Vocational Branch of S.C. Re.-Est.	From 1st Aug., 1918 and as long as required.	6,000 p. ann.
" 2	John Jack.	"	Lease of brick house and grounds, Little River Road, Quebec, Que.	Innng. Medical Supt.	3 years from 1st May, 1918.	\$600 p. annum, (renewable.)
" 2	William McWilliams, Inc.	"	Lease of 1,122 sq. ft. of ground floor of building cor. of D'Auteuil and Elgin sts., Quebec, Que.	Supt. of Dom. Arsenal.	1 year from date of occupation	\$600 p. annum.
" 3	His Majesty	Grand Trunk Railway Co. of Canada.	Lease of Esplanada and Dock on w. side of Sydenham River, Owen Sound, Ont.		21 years from 25th Sept., 1917.	\$1 per annum.
" 4	Hope Realty Limited.	His Majesty	Lease of rooms Nos. 601 to 605, both inclusive and room No. 612 in building No. 63 Sparks st., Ottawa, Ont.	Director of information.	From month to month, from 21st May, 1918	\$78 p. month, (monthly).



SESSIONAL PAPER No. 19

July	5	Alexander Calder	His Majesty	Lease of rooms Nos. 3, 4 and 5 on 1st floor of Militia and Defence. .... "Calder Block," No. 663 Main st., Winnipeg, Man.	From month to month, from 1st July, 1918.	\$40 p. month.
"	8	His Majesty	Canadian Pacific Railway Company.	Lease of portion of "Beacon Bar Flats" and a part of block of land s.e. of Protection st., St. John, N.B.	5 years from 1st July, 1918.	\$1 p. annum, (renewable)
"	10	A. S. Ewing (Agent for Est. of late L. C. Whiteford).	His Majesty	Lease of premises No. 144, Drummond st., Montreal, Que.	From month to month from date of occupation.	\$225 p. month.
"	11	Wm. Alfred Bauer	"	Lease of rooms Nos. 509, 510, 511 and 512 and vault on 5th floor of "Pacific Building," cor. of Hastings st. west and Howe st., Vancouver, B.C.	One year from date of occupation.	\$65 p. month.
"	11	Hope Realty Limited	"	Lease of rooms Nos. 706, 707 and 708 in building, No. 63 Sparks st., Ottawa, Ont.	From month to month from date of occupation.	\$40 p. month, (monthly).
"	15	Edwin William Hume	"	Lease of building on lots Nos. 35 and 36, block 25, Calgary, Alta.	2 years from 1st May, 1918.	\$2,375 p. ann.
"	19	City of Ottawa Public School Board.	"	Lease of "Waller st. School Building," Ottawa, Ont.	2 years from 29th June 1918.	\$1,500 p. ann., (renewable)
"	19	La Banque Nationale	"	Lease of basement, ground floor, 1st, 2nd and 3rd floors and attic in "Lemieux Building," No. 80, St. Peter st., Quebec, Que.	1 year from 1st May, 1918 and thereafter from year to year.	\$3,499.92 per annum.
"	23	W. G. Edge, Limited	"	Lease of lot, fronting on Queen and Albert sts., Ottawa, Ont.	From date of occupation to 19th May, 1919.	\$1 whole per iod.
"	24	Andrew McMillan and Wm Costain.	"	Lease of ground floor of building on lots Nos. 5 and 6, block 7, Main st., Toronto East, Ont.	1 year from 1st Oct., 1918.	\$75 per m.
"	25	La Banque Nationale	"	Lease of room No. 27 on 2nd floor of building	Month to month	\$81 p. month.
Aug.	1	The Bank of Nova Scotia	"	Lease of message known as "No. 35 to 37, both incl., King, st. west, Toronto, Ont.	9 months from 1st Aug., 1918.	\$833.33 p. m.
"	1	Island Land Company, Ltd.	"	Lease of rooms Nos. 409 and 410 on 4th storey, "Drummond Building," n.w. cor. of Peel and St. Catherine sts. west, Montreal, Que.	From 1st Aug., 1918 to 31st Oct., 1918.	\$900 p. ann.
"	1	Chas. M. Parker	"	Lease of 1st and 2nd floors of building on s.w. cor. of King & Market sts, Kingston, Ont.	1 year from date of occupation.	\$360 p. ann.
"	2	Elgin Realty Co., Ltd.	"	Lease of 403 sq. ft. and ground floor and 1st floor and 301 sq. ft. on 2nd floor, the whole of 3rd floor and whole of basement in "Elgin Building Annex," Ottawa, Ont.	From date of occupation to 31st Jan., 1923.	\$3,101.28 per annum.
"	2	"	"	Lease of 2nd floor of three dwellings in "Elgin Building Annex," Elgin st., Ottawa, Ont.	From date of occupation to 31st Jan., 1923.	\$1,322.64 per annum.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—  
Continued.

Date of Lease.	Lessor.	Lessee.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1918. Aug. 2	Elgin Realty Co., Ltd.	His Majesty	Lease of ground floor of three dwellings adjoining the Elgin Building Annex, Elgin st., Ottawa, Ont.	Customs Dept.	From date of occupation to 31st Jan., 1923.	\$2,570 p. ann.
" 5	Wilson Bros.	"	Lease of premises in building, n.w. cor. of 3rd avenue and 22nd st., Saskatoon, Sask.	Dominion Lands Office.	1 year from 1st Oct., 1918.	\$200 per m.
" 8	Jacob A. Jacobs.	"	Lease of space in "Royal Exchange Building", Prospect ave., Cobalt, Ont.	Post Office.	5 years from 30 Jan., 1918.	\$2,000.
" 8	C. Jackson Booth.	"	Agreement covering easement for projection on Langevin Block, Ottawa, Ont.		2 years from 1st Oct., 1918.	\$5 per annum.
" 10	The Toronto General Trusts Corporation.	"	Lease of 11 rooms and vault on 2nd floor of building, cor. of Sparks and Elgin sts., Ottawa, Ont.	Postal Censorship Staff.	From date of occupation to end of present war.	\$3,439.80 per annum.
" 10	His Majesty.	The Maritime Wrecking and Salvage Co., Ltd.	Hiring of Tug "Hercules"		9 months, from day tug is taken over at Collingwood, Ont.	\$51.90 p. day, during open navigation and \$35 per day during closed navigation on Great Lake
" 12	Robt. Lennox Blackburn.	His Majesty	Lease of whole of 4th, 5th and 7th floors in "Plaza Building," cor. of Sussex and Rideau sts., Ottawa, Ont.	Militia and Defence.	2 years from 1st July, 1918.	\$9,267.50 per annum.
" 15	Fred. W. Scott.	"	Lease of 370 sq. ft. in "Scott Block," Main st., Winnipeg, Man.	Insp. of Dom. Lands	From date of occupation to 1st April, 1920.	\$360 p. annum.
" 20	Edward-Cave-Brown-Cave.	"	Lease of 3rd floor of "Cave Building," No. 567 Hornby st., Vancouver, B.C.	Storage of Russian parcels.	1 year from 19th July, 1918.	\$600 p. annum.
" 26	The Imperial Canadian Trust Co.	"	Lease of suites Nos. 512 and 513 in building, cor. of 21st street and 1st ave., Saskatoon, Sask.	Supt. of Railway Mail Service.	1 year from 1st Nov., 1918.	\$885 p. annum.
" 27	Gudni Thornsteinsson.	"	Lease of frame building, Village of Gimli, Man.	Post Office.	1 year from date of occupation	\$240 p. annum.
" 27	His Majesty.	Armstrong Independent Fisheries Limited.	Hiring of Tug "Mossy River," Winnipegosis, Man.		3 months.	\$35 per week.
" 30	J. C. Butterworth.	His Majesty	Lease of rooms Nos. 35, 36, 31, 28, 3, 11, 5, 12, and 27 with 3,826 sq. ft. on 2nd floor of building, cor. of Bank and Albert sts., Ottawa, Ont.	War Trade Board.	1 year from 1st Aug., 1918.	\$4,284.15 per annum.



SESSIONAL PAPER No. 19

Sept.	1	Trustees of Toronto Gen'l. Hospital.	His Majesty	Lease of "Old Hospital Block," Gerrard st., Toronto, Ont.	Militia and Defence.	7 years from 1st May, 1917.	\$10,000 p. ann.
"	1	Bathurst Lumber Co., Ltd	"	Lease of office room in building, Bathurst, N.B.	Assistant Provost Marshal.	From month to month, from 1st Sept., 1918.	\$10 per month, (monthly).
"	1	W. A. Mitchell.	"	Lease of ground floor of store property, No. 71 King st., west, and basement of same, Toronto, Ont.	Soldiers' Aid Commission.	From month to month, 1st Sept., 1917.	\$75 p. month, (monthly).
"	7	The Imperial Canadian Trust Co.	"	Lease of suite No. 212, cor. of 21st st., and 1st ave., Saskatoon, Sask.	Inland Revenue Dept.	1 year from 1st Nov., 1918.	\$486 p. annum.
"	10	Sydney Publishing Co., Ltd.	"	Lease of rooms 4a and 3 in "Post Building," Dorchester st., Sydney, N.S.	Insp. of Fisheries.	1 year from 1st Oct., 1918.	\$360 p. annum.
"	10	W. McPherson.	"	Lease of large room over garage, No. 176 King st., Fredericton, N.B.	Invalided Soldiers' Commission.	Month to month from date of occupation.	\$5 per month.
"	12	The Canada Life Assurance Co.	"	Lease of rooms Nos. 13 and 14 on 1st floor of "Canada Life Building," Ottawa, Ont.	Chief Medical Officer, Interior Dept.	1 year from 10th November, 1918.	\$480 p. annum.
"	12	The Canada Life Assurance Co.	"	Lease of rooms Nos. 43 and 44 and 34 and 35, in Co's. building, Ottawa, Ont.	Fuel Controller.	Month to month from 1st Sept., 1918.	\$73.14 p. m. (monthly).
"	12	Patrick Labelle.	"	Lease of three stores and whole of 1st, 2nd and 4,800 sup. ft. of basement in building, cor. of Dalhousie and York sts., Ottawa, Ont.	Pub. Ptg. and Stationery.	2nd Jan., 1919, to 2nd Feb., 1921	\$11,500 p. ann.
"	12	"	"	Lease of garage building, York st., Ottawa, Ont.	Pub. Ptg. and Stationery	2nd Jan., 1919, to 2nd Feb., 1921	\$2,448 p. ann.
"	12	Miss Emma Hartt and Alice Hartt.	"	Lease of entire ground floor in building on lot between St. Francois' Road and Canada Road, Edmundston, N.B.	Post-office.	3 years from 1st June, 1918.	\$560 per ann.
"	16	The Royal Bank of Can...	"	Lease of 1,600 sq. ft. on ground floor and sq. ft. of basement of building, corner 456 Dalhousie and York sts., Ottawa, Ont.	Printing Bureau and Stationery Branch.	2nd Jan., 1919, to 2nd Feb., 1921	\$1,321.60 per annum.
"	17	Mututal Life Assurance Co.	"	Lease of whole of 2nd floor and 6 rooms on 8th floor of "Dominion Trust Building," Vancouver, B.C.	Head office of "J" Unit, S.C.R.	1 year from 1st July, 1918.	\$280 p. month.
"	18	J. E. Burchell Co., Ltd...	"	Lease of two rooms on 2nd floor of building, Nos. 205 and 209 Charlotte st., Sydney, N.S.	Officer commanding R. C. Artillery.	1 year from 1st Aug., 1918.	\$130 p. month.
"	18	Chas. Wm. Mitchell.	"	Lease of store No. 430 in "Donalda Building," and basement thereunder, cor Rideau and Chapel sts., Ottawa, Ont.	Fleming Military Hospital.	Month to month from date of occupation.	\$40 per month.
"	19	William McWilliams, Inc..	"	Lease of 1,123 sq. ft. on ground floor of building, cor. D'Auteuil and Elgin sts., Quebec, Que.	Supt. of Dom. Arsenal, (M. and D.).	1 year from date of occupation.	\$600 p. annum.
"	20	Robt. Cadogan Thomas.	"	Lease of rooms 28, 29, 30 and 31 and store-room in basement of "Thomas Block," Calgary, Alta., and room No. 27 in same building.	Forestry Dept.	Month to month from 1st Sept., 1918.	\$130 p. month.
				and store 712 on 2nd st. west, Calgary, Alta.	Dist. Insp. Forest Res.	"	\$35 p. month.
					Insp. of Gas. and Electricity.	"	\$50 p. month.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.  
*Continued.*

Date of Lease.	Lessor.	Lessees.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1918. Sept. 20.....	Robt. N. Slater and Esther A. Sherwood.	His Majesty....	Lease of "Wright Building," on Wellington st., Ottawa, Ont.	Finance Department....	From month to month from date of occupa- tion.	\$150 p. month, (monthly).
" 25.....	McCallum Hill Building, Co., Ltd.	"	Lease of room No. 912 in "McCallum Hill Building," Regina, Sask.	Dental office, Invalided Soldiers' Commission.	1 year from 1st Sept., 1918.	\$40 p. month.
" 25.....	Kenneth A. McLeod.....	"	Lease of rooms Nos. 614, 615 and 616 in "McLeod Block," Edmonton, Alta.	Soldiers' Civil Re-Est.	1 year from 1st Sept., 1918.	\$960 p. ann., (renewable)
" 26.....	Catherine Williams.....	"	Lease of two furnished rooms in building No. 89 Davisville ave., Toronto, Ont.	Nursing sisters A.M.C....	Month to month, from date of occupation.	\$35 p. month, (monthly).
" 27.....	A. Belanger, Limited.....	"	Lease of building near Intercolonial Railway station, Montmagny, Que.	Public Works Dept., (storing machinery, tools, etc.).	1 year from 1st Nov., 1918.	\$50 per year.
" 27.....	The Imperial Canadian Trust Co.	"	Lease of rooms 708 and 709 in "Great West Permanent Loan Building," 356 Main st., Winnipeg, Man.	Ass't. Judge Advocate Gen'l. Dist. Officers, etc.	Month to month from 15th Sept., 1918.	\$70.50 p. m., (monthly).
" 28.....	Royal Bank of Canada....	"	Lease of 1,132 sq. ft. in brick building, cor. Queen and Carleton sts., Fredericton, N.B.	Ass't. Dir. of Invalided Soldiers' Commission.	1 year from date of occupation.	\$1,000 p. ann.
" 28.....	The Canadian Northern Railway Co.	"	Permission to string wires on pole of Railway Company from point near Humboldt to point near Warman on main line.		1 year from date of agreement and thereafter from year to year strung.	\$5 per annum for each mile of wire
" 30.....	The estate of L. C. White- ford.	"	Lease of building No. 144 Drummond st., Montreal, Que.	Provost Marshal, M. and D.	Month to month from 18th June 1918.	\$225 p. month, (monthly tenancy).
" 30.....	McCallum Hill Building, Ltd.	"	Lease of rooms Nos. 713 and 714 in McCallum Hill Building," Searth st., Regina, Sask.	S. Settlement Board....	1 year from 1st Oct., 1918.	\$1,020 p. ann.
" 30.....	James Richardson & Sons, Ltd.	"	Lease of 2 top flats of building, s.e. corner of intersection of King and William sts., Kingston, Ont.	Dist. Paymaster, M. and D.	1 year from 17th May, 1918.	\$1,800 p. ann.
" 30.....	Dominion Life Assurance Co.	"	Lease of 5,000 sq. ft. on 4th floor of "Westman Chambers," Regina, Sask.	S. Settlement Board....	From 1st Sept., 1918 to 1st Sept., 1919.	\$300 p. month.
" 30.....	Herbert Hale Williams....	"	Lease of "Old Bishop Strachan School," Toronto, Ont.	Central Military Con- valescent Hospital.	3 years from 21st Oct., 1917.	\$1 p. annum.
Oct. 1.....	R. H. Toye & Co.....	"	Lease of 1st and 2nd floors of "Toye Bakery," Kingston, Ont.	Militia and Defence....	6 months from date of occu- pation and from month to month thereafter.	\$30 p. month.



SESSIONAL PAPER No. 19

Oct.	1	The Corporation of City of London and The Western Fair Association.	His Majesty	Lease of building and land in Queen's Park, London, Ont.	"	9 months from 1st Sept., 1918	\$1 for whole period.
"	2	Ottawa Building Co., Ltd	"	Lease of whole building n.e. cor. of Metcalfe and Slater sts., Ottawa, Ont.	Any branch of Federal Government.	3 years from 1st May, 1918.	\$4,000 p. ann.
"	4	Eva C. Carling	"	Lease of 9 rooms in building, Rideau st., Ottawa, Ont.	Air Service staff	From 18th Sept. 1918, to end of present war and 6 months thereafter.	\$1,468.60 per annum.
"	5	J. T. and H. Hutson	"	Lease of brick house, No. 6, St. Andrews' Gardens, Toronto, Ont.	Nursing Sisters, St. Andrews' Hospital.	1 year from 1st Oct., 1918.	\$1,200 per ann.
"	7	The Canada Life Assurance Company.	"	Lease of room No. 24 in "Canada Life Building," Regina, Sask.	Canada Food Board	1 year from 4th Sept., 1918.	\$480 per ann.
"	8	Calgary Paint and Glass Co., Ltd.	"	Lease of one frame building on lots 17 and 18, block 66, sec. 16, Calgary, Alta.	Ordnance Depot	From 1st Nov., 1918, to 1st June, 1921.	\$100 p. month, (renewable)
"	15	J. Douglas McLean	"	Lease of 2,930 sq. ft. of ground floor and 1,500 sq. ft. of basement in "White Block," cor. of White ave. and 107 st., Edmonton, Alta.	Invalided Soldiers' Commission.	1 year from date of occupation.	\$1,620 p. ann.
"	15	The Canada Life Assurance Co.	"	Lease of rooms Nos. 34, 35, 43 and 44 in "Canada Life Building," Ottawa, Ont.	Fuel Controller	1 year from 1st July, 1918.	\$73.14 p. m.
"	15	The Eastern Trust Co.	"	Lease of one room on 1st floor of Co's. building, 184 Hollis st., Halifax, N.S.	Insp. of Taxation	From date of occupation to 1st May, 1919.	\$10 p. month, (renewable)
"	15	Beaumont Boggs	"	Lease of ground floor of building, No. 721 Courtney st., Victoria, B.C.	Stationery stores, (M. and D.).	1 year from date of occupation.	\$25 p. month.
"	16	Hoffmeister Bros., Ltd	"	Lease of building No. 1285 Pender st. west., Vancouver, B.C.	Garage for service army corps (M. and D.).	From month to month from Aug. 23, 1918, until returned to Dartmouth, N.S.	\$75 p. month, (monthly tenancy).
"	17	His Majesty	Foley Bros., Welch, Stewart and Fauquier.	Agreement re hiring of Rockbreaker "Lobnitz" P.W. No. 3.		From date she is taken over at Dartmouth, N.S., until returned to Dartmouth, N.S.	\$252 per week.
"	21	C. & O. Weiler	His Majesty	Lease of stable accommodation, Blanchard st., Victoria, B.C.	Can. Mil. Police Corps	From month to month from 21st Oct., 1918	\$0.10 p. horse per day.
"	24	Furness, Withy & Co., Ltd.	"	Lease of 3 offices in building No. 75 Upper Water st Halifax, N.S.	Steamship insp. (Dept. of Marine.)	1 yr. fr. 1st Aug. 1918.	\$375 p. annum.
"	29	The Board of Education of the City of London.	"	Lease of "Princess ave School Building," London, Ont.	Barrack accommodation.	Duration of present war and 6 mos. thereafter.	no rent.
Nov.	1	Partridge & Sons	"	Lease of 2,408 sq. ft. in building, No. 62 King st. west, Kingston, Ont.	Vocational Branch S.C.R.	1 yr. from date of occupation.	\$400 p. annum, (renewable).



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919—  
Continued.

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1918.						
Nov. 9.....	Union Bank of Canada.....	His Majesty.....	Lease of two rooms, vault and closet on 2nd floor of Union Bank building, Moosomin.	Insp. of Dom. Lands Agencies.	3 yrs. from 26th June '18.	\$240 p. annum.
" 12.....	Elgin Realty Co., Ltd.....	".....	Lease of "Elgin Cottage", No. 61 Albert st. Ottawa, Ont.	Militia and Defense.....	from date of occupation to 31st Jan. '23.	\$1,835.70 per annum.
" 22.....	Dennis Realty Corporation Ltd.	".....	Lease of rooms on 7th, 6th and 5th floors of building cor. of Granville and George sts., Halifax, N.S.	"	from 1st Oct. '18 to 1st May '20.	\$9,500 p. ann.
" 22.....	Archibald Galbraith.....	".....	Lease of 2 stores on ground floor of building on s. ½ of lot No. 8, block 49, Swift Current.	Dom. Lands—Int. Dept.	1 yr. from 17th Sept. '18.	\$120 p. m.
" 26.....	George E. Popham.....	".....	Lease of 296 sq. ft. on top floor of building Nos. 124, 126 and 128 Queen st., Ottawa, Ont.	Dental Service (M. & D.)	from mon. to mon. fr. date of occupation.	\$14.88 p. m. (monthly tenancy.)
" 29.....	J. Bte. Duford.....	".....	Lease of 1st and 2nd floors of building No. 113, Rideau st., Ottawa, Ont.	(Canada Food Board.....	1 yr. from date of occupation.	\$7,225 p. ann.
" 29.....	J. L. Hopwood and Wm. J. Hopwood joint liquidators of Hopwoods, Ltd.	".....	Lease of 3 rooms with front and rear entrance on ground floor and lavatory in basement of building No. 366 Water st., Peterborough, Ont.	Weights and Measures (Inland Rev. Dept.)	1 yr. from 1st Jan. '19.	\$250 p. ann.
" 29.....	A. W. McGregor.....	".....	Lease of building on most westerly 70 ft. of lot No. 8, block 195, Ottawa st., Regina, Sask.	Store for small ammunition.	1 yr. from 30th Sept. '18.	\$360 p. annum.
" 29.....	Federal Government.....	Prov. Gov't. of Quebec.	Emphyteutic lease re two dams on Kipawa river and Gordon Creek, Ont.	Kipawa Lake dams.....	.....	\$1 p. annum.
" 30.....	Thos. Culbert.....	His Majesty.....	Lease of portion of "Culbert Block" cor. of St. Lawrence and Wellington sts., Merrickville, Ont.	Post office.....	1 yr. from 1st Jan. '19.	\$200 p. ann.
Dec. 1.....	Henry W. Frink.....	".....	Lease of office on ground floor of building No. 160 Prince William st., St. John, N.B.	S.C. Re-est.....	from mon. to mon. from 1st Dec. '18.	\$350 p. annum. (renewable.)
" 2.....	C. W. Lindsay.....	".....	Lease of 4 rooms, etc. in building No. 115 Sparks st., Ottawa, Ont.	Dir. of Public safety.....	1 yr. from date of occupation.	\$748.80 p. ann.
" 3.....	Alcide Plouffe.....	".....	Lease of 302 sq. ft. of house on lot No. 67, St. Felix de Valois, Que.	Post office.....	1 yr. from 1st Jan. '19.	\$125 p. annum.
" 3.....	Wm. McConnell.....	".....	Lease of premises on n.e. corner of Princess st. and Grand Trunk ave., Lansdowne, Ont.	"	5 yrs. from 1st Dec. '18.	\$150 p. annum.
" 5.....	Wm. J. Holmes and J. Beaman.	".....	Lease of La Salle Hotel, Nairn ave (Elmwood) Winnipeg, Man.	Hospital for M. and D.	from mon. to mon. from date of occupation.	\$500 p. month. (monthly tenancy.)



SESSIONAL PAPER No. 19

"	6	The Presbyterian College of Montreal.	His Majesty	Lease of 85 rooms in "Presbyterian Theological College" McGill University, Montreal, Que.	Militaryneurologicalhospital for M. and D.	from mon. to Oct. '18.	\$500 p. month (monthly tenancy.)
"	6	Wilkin and McKinnon	"	Lease of two rooms on 3rd floor of "Merchants Bank Building", Jasper Ave, Edmonton, Alta.	Representative of Food Board.	from mon. to mon. fr. date of occupation.	\$25 per month (monthly tenancy.)
"	7	R. L. and R. Blackburn	"	Lease of 43,628 sq. ft. in "Union Bank Building", Ottawa, Ont.	Depts. of Federal Gov't.	from 16th July '18 to 1st Jan. '20.	\$42,560 p. ann.
"	7	International Business Machine Company, Ltd.	"	Lease of building n.e. corner of Dundas and William sts., Toronto, Ont.	Supply depot (M. and D.)	1 yr. from 2nd Dec. '18.	\$3,400 p. ann. (renewable.)
"	13	H. H. Williams & Company.	"	Lease of 1st and 2nd floors of premises, College st., Toronto, Ont.	Vocational Branch, S.C. Re.-est.	1 yr. from 1st Nov. '18.	\$55 p. month.
"	16	Canadian Bank of Commerce.	"	Lease of rooms Nos. 2 and 3 and small room in basement of building, Revelstoke, B.C.	Interior Dept.	1 yr. from 16th Dec. '18.	\$40 p. month.
"	19	The Ottawa Masonic Temple, Ltd.	"	Lease of 504 sq. ft. of basement and 513 sq. ft. of mezzanine floor of Masonic Temple, Metcalfe st., Ottawa, Ont.	Commission of Conservation.	3 yrs. from 15th Nov. '18.	\$6,777.75 per annum.
"	23	Georgina Alice Phillips	"	Lease of room No. 216 in "Coronation Building" corner Ste. Catherine st. west and Bishop st., Montreal, Que.	Ass't. Dir. of Veterinary Service, M. and D.	From 1st Oct. '18 to 30th April '19.	\$25 p. month.
"	23	Bawlf Securities, Ltd.	"	Lease of 2,274 sq. ft. on 3rd floor of Chamber of Commerce Building, also 206 sq. ft. on 2nd floor of same building, Winnipeg, Man.	Hydrographic survey staff of Int. Dept.	1 yr. from 1st Dec. '18.	\$135 p. month.
"	27	His Majesty	Frederick Chas. Dance	Lease of parcel of land, part of lot No. 8, block 3, Shelburne, Ont.	Private enterprise	During pleasure.	\$1 p. annum.
"	27	A. K. Munro and H. Stanton.	His Majesty	Lease of 16 rooms in two story frame house, and stable, corner Menzies and Michigan sts., Victoria, B.C.	Hospital for M. and D.	6 mos. from 6th Dec. '18.	\$100 p. m.
"	28	Thos. C. W. Riley	"	Lease of building No. 1417 on 7th ave. West, Calgary, Alta.	Nurses' Home	From 1st Nov. '18 to 5th Dec. '21.	\$480 p. annum.
1919.							
Jan.	1	The Collingwood Shipbuilding Co., Ltd.	"	Lease of "Hiram Calvin Property" No. 131, King st. east, Kingston, Ont.	Nurses' Quarters, M. & D.	6 mos. from 1st Jan. '19.	\$50 p. month.
"	1	The Royal Trust Company and the Military Hospital Commission.	"	Lease of property known as No. 1171 on 3rd ave. north east, Moose Jaw, Sask.	Militia and Defense	2 yrs. from 1st Jan. '18.	\$20 p. m. for 1st 12 mos. and 25 per mon. for 2nd 12 months.
"	2	L. E. Prowse	"	Lease of three rooms on 1st floor of "Prowse Block", Grafton st., Charlottetown, P.E.I.	Supt. of Dominion Buildings.	1 yr. from 1st Nov. '18.	\$150 per ann.
"	4	The Tribune Publishing Co., Ltd.	"	Lease of room No. 410 on 4th floor of building corner of Graham ave. and Smith st., Winnipeg, Man.	Dir. of Publicity and information bureau.	1 yr. from date of occupation.	\$800 p. annum.
"	6	Wm. M., Jno. H., and G.W. Birks.	"	Lease of 4 rooms on 7th floor of "Birks" Building, corner of Granville and George sts., Vancouver, B.C.	Supt. of Dom. Dredges.	From month to mon. from 15 Nov. '18.	\$75 p. month (monthly tenancy.)



## DEPARTMENT OF PUBLIC WORKS

10 GEORGE V, A. 1920

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.—*Continued.*

Date of Lease.	Lessor.	Lessee.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
1918. Jan. 7	Alex. Bartlet Peddie	His Majesty	Lease of 240 sq. ft. of "Davis building", Sandwich st., east, Windsor, Ont.	Vocational Branch S.C. Re-Est.	1 yr. from date of occupation.	\$192 p. annum and \$3 per month for Janitor services (renewable.)
" 8	Alexandre Chatelain	"	Lease of w. ½ of 2 story brick building, on portion of lot "D" n. side of King st., L'Orignal, Ont.	Post office	5 yrs. from 1st Jan. '19.	\$250 p. ann.
" 10	Scovil Bros. Ltd.	"	Lease of ground floor and premises Nos. 101 and 107 Germain st., St. John, N.B.	Dist. Pay Officer (M. & D.)	Month to month from date of occupation.	\$125 p. m.
" 13	Dom. Savings Loan & Investment Co., agents for The Masonic Temple Co. Langlois & Paradis Ltée.	"	Lease of room No. 218 on 2nd floor of building n.w. corner of Richmond and King sts., London, Ont.	S.S. Re-Est.	1 yr. from 13th Jan. '19.	\$252 p. ann.
" 13		"	Lease of rooms Nos. 14½ and 15 on 3rd floor of building, St. James St., Quebec, Que.	S. C. Re-Est.	From date of occupation until end of present war and 1 yr. thereafter.	\$540 p. ann.
" 13	J. V. McLellan	"	Lease of one room in "Stockton Bldg." No. 94 Prince William St., St. John, N.B.	Asst. Dir. of Medical Services, M. & D.	From 15th Nov 1918, to 21st June, 1919.	\$175 p. ann.
" 15	Imperial Canadian Trust Company.	"	Lease of room No. 113 in "Canada building", Saskatoon, Sask.	Ass't. Insp. of Taxation.	1 yr. from 1st Jan. '19.	\$228 p. ann.
" 17	The Bank of Montreal	"	Lease of property known as "Craigdarroch" of "Dunsmuir Castle," Victoria, B.C.	Invalided Soldiers' Commission.	1 year from date of occupation.	\$1,000 per ann. (renewable).
" 17	Finger Lumber Co., Ltd.	"	Lease of 1,050 sq. ft. of "Kerr Building," Le Pas, Man.	Lands Mining Recorder (Int. Dept.)	1 year from 1st Feb. 1919.	\$50 per month.
" 21	Ottawa Investment Co., Ltd.	"	Lease of building Nos. 130-132 Queen st., west, Ottawa, Ont.	S. C. Re-Est.	Month to month from Dec., 1918	\$4,888 per ann.
" 22	Commercial Exchange Bldg. Co., Ltd.	"	Lease of room No. 515 in "The Whalen Block," Port Arthur, Ont.	"	6 mos. from 15th Nov. 1918.	\$30 p. month.
" 24	The Royal Institution for the Advancement of Learning.	"	Lease of 2 parcels of land being part of "Macdonald College," Ste. Anne de Bellevue, Que.	Military hospital	From date of occupation to end of war and 2 yrs. thereafter	\$500 p. annum.
" 25	Synod of Diocese of Qu'Appelle.	"	Lease of St. Paul's Parish hall, Regina, Sask.	Temporary military hospital (M. and D.)	7 mos. from 15th Oct. 1918.	\$250 p. month.
" 27	Quebec Central Railway Company.	"	Lease of portion of top floor and use of 2 vaults in building, Sherbrooke, Que.	Dist. Engineer P.W.D.	1 year from 1st Feb. 1919.	\$1,500 p. ann.



SESSIONAL PAPER No. 19

Jan. 27	A. G. Strathy, Limited	His Majesty	Lease of store No. 287 Queen st. west, Toronto, Ont.	Demobilization Br. of S. C. Re-Est. Headquarters for M. and D.	of 1 year from date of occupation.	\$1,600.20 per annum.
19 Feb. 1	Margaret M. Cummings	"	Lease of premises No. 20, Ste. Anne st., Tresor Lane, Quebec, Que.		From month to month from 1st Oct. 1918.	\$81.61 per m. (monthly tenancy.)
" 4	C. W. Lindsay	"	Lease of 919 sq. ft. on 1st floor of building, No. 115 Sparks st., Ottawa, Ont.	Dept. of External Affairs.	From date of occupation to 1st Nov. 1919.	\$45.95 per month.
" 5	Miss Margaret White	"	Lease of three rooms, 1 vault and vestibule in building No. 23 St. Louis st., Quebec, Que.	Archives Dept.	1 year from 30th April 1919.	\$35 p. month.
" 7	Ceperly, Rousefell & Co.	"	Lease of 3,151 sq. ft. of ground floor of "Tower Building," cor. Beatty and Pender sts., Vancouver, B.C.	Ortho. hospital for S. C. Re-Est.	1 year from 1st Jan. 1919.	\$1,200 per annum.
" 10	Thos. W. Watkins	"	Lease of rooms Nos. 300 to 310, both inclusive, in "White Office Building," or "Clyde Block," cor. of Hughson and King sts., Hamilton, Ont.	Vocational Br. of S. C. Re-Est.	1 year from 1st Aug. 1918.	\$213 p month.
" 10	Carpenters' Union	"	Lease of premises in building No. 115 Sparks st., Ottawa, Ont.	Dept. of External Affairs.	From date of occupation to 1st May 1919.	\$34 p. month.
" 11	Elizabeth Rogers	"	Lease of 11 rooms and free rest room for stenographer on 8th floor of "Rogers' Building," Granville st., Vancouver, B.C.	Chief Insp. of Fisheries (Naval Service).	2 years from date of occupation.	\$2,400 per annum.
" 13	Notre Dame Investment Company, Limited.	"	Lease of w. half of 4th floor of "Notre Dame Building," s. side of Portage Ave., Winnipeg, Man.	S. C. Re-Est.	2 yrs. from date of occupation.	\$1,500 per annum.
" 13	Notre Dame Investment Co., Ltd.	"	Lease of rooms Nos. 701 to 704, both inclusive, in "Notre Dame Investment Building," Winnipeg, Man.	"	2 years from 15th Jan. 1919.	\$900 p. annum (renewable).
" 14	His Majesty	Chas. James Downey.	Lease granting right of ingress and egress to and from Russell st. side entrance, Smith's Falls, Ont.	"	During good pleasure.	\$1 per annum.
" 14	Thornton & Douglas, Ltd.	His Majesty	Lease of rooms Nos. 1 and 2 in building, Ontario st., Stratford, Ont.	S. C. Re-Est.	6 mos. from date of occupation.	\$12.50 per m. (renewable).
" 14	Chas. A. Welsh	"	Lease of 2nd or top floor of building No. 317 Columbia st. east, New Westminster, B.C.	"	1 yr. from date of occupation.	\$300 p. annum (renewable).
" 15	James Stuart Mackie	"	Lease of premises in "Lancaster Building," Calgary, Alta.	P.O. Inspector and Ry. Mail Staff.	3 yrs. from 1st Jan. 1919.	\$17,566.29 per annum.
" 19	Canadian Bank of Commerce.	"	Lease of rooms Nos. 1, 4 and 5 on 2nd floor of "Canadian Bank of Commerce Building," Revelstoke, B.C.	Lands Branch Interior Dept.	Month to month from 1st Feb. 1919.	\$60 per month (monthly tenancy).
" 22	Alexander Building, Ltd.	"	Lease of 2nd floor of "Read Building," Alexander st., Montreal, Que.	Ordnance and Barrack Stores.	From 15th Dec. 1918 to 1st May, 1920.	\$10,000 per annum.
" 25	The Royal Bank of Canada.	"	Lease of 10 offices on top floor with portion of basement and vault in "Royal Bank Building," cor. Sparks and Metcalfe, Ottawa, Ont.	Geological Survey Br. Dept. of Mines.	1 year from 7th April 1919.	\$3,081.50 per annum.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.—Continued.

Date of Lease.	Lessors.	Lessees.	Description of property.	For what Purpose.	Duration of Lease.	Rental.
1919.						
Mar. 1	Franklin Perry McCarthy	His Majesty	Lease of 486 sq. ft. on 1st floor of brick building, Grand ave., Indian Head, Sask.	Insp. of Fisheries, Naval Service Dept.	1 year from 1st Mar. 1919.	\$180 per ann.
" 7	The Bank of Toronto	"	Lease of room No. 1 in building fronting on Queen st. and Logan ave., Toronto, Ont.	Gas and Electricity Insp.	1 year from 1st May 1919.	\$180 per ann.
" 10	Edward Blake Thompson.	"	Lease of premises Nos. 213 and 219, northerly side of Queen st., Kingston, Ont.	Isolation hospital	1 year from 1st May 1919.	\$600 per ann.
" 10	Mrs. Odile Lavoie (wife of J. Octave Normand).	"	Lease of portion of postal station "M" No. 116 Letourneux St., Maisonneuve, Que.	Post-office	1 year from 1st May 1919.	\$600 per ann.
" 11	The Journal Printing Co., Ltd.	"	Lease of rooms on 2nd, 3rd, 4th and 5th floors with 770 sq. ft. of 6th floor, 373 sq. ft. of ground floor and 220 sq. ft. of basement of building, Queen st., Ottawa, Ont.	Depts. of Interior, Agriculture, Public Works and Auditor General.	5 years from 12th Jan. 1919.	\$13,740.70 per annum.
" 11	James Richardson & Sons, Ltd.	"	Lease of 2 top flats of office building, s.e. cor. of intersection of King and William sts., Kingston, Ont.	District Paymaster (M. and D.)	1 year from 17th May 1919.	\$1,800 per annum.
" 12	Ashbury College Co., Ltd.	"	Lease of building No. 140 Argyle Ave., Ottawa, Ont.	House of Commons restaurant.	From month to month from 1st Mar. 1919.	\$166.66 per month.
" 12	The World Newspaper Co. of Toronto, Limited.	"	Lease of 6th floor of building No. 40, Richmond st., west, Toronto, Ont.	District Paymaster (M. and D.)	From 6th Jan. 1919 and for duration of present war and one year thereafter.	\$4,250.
" 12	John James Garland	"	Lease of building, Tupper st., Portage la Prairie, Man.	Postal package and Express branch of Customs Dept.	1 year from 8th April 1919.	\$35 p. month.
" 13	James Stuart Mackie	"	Lease of 4th and 5th floors of "Lancaster Building," Calgary, Alta.	S. C. Re-Est.	One floor 3 yrs. from 1st Jan. 1919 and other from date of occupation to 31st Dec. 1921.	\$13,400 per annum.
" 14	Hon. A. L. Langman	"	Lease of "Fairbanks Morse Building" on 8th ave. west, Calgary, Alta.	Temporary hospital (M. and D.)	1 year from 1st Jan., 1919.	\$900 p. month.
" 19	The Can. Pac. Ry. Co.	"	Lease of mail accommodation space on ground floor of company's railway station, Saskatoon, Sask.	Post Office Dept.	1 year from 1st Dec., 1918.	\$540 p. annum.
" 19	Alex. Macdonald	"	Lease of rooms Nos. 8 to 13, both inclusive, in "K.W.C. Block," cor. Ward and Baker sts., Nelson, B.C.	Inland Rev. and Public Works Depts.	1 year from 1st April, 1919.	\$480 p. annum.



Mar. 20.....	La Banque Nationale.....	His Majesty.....	Lease of 6th floor of building, Rideau st., Ottawa, Ont.	Translators.....	16 mos. from 14th April, 1919.	\$240 p. month.
" 21.....	The Post Publishing Co., Ltd.	"	Lease of room No. 5 in "Post Building," Dorchester st., Sydney, N.S.	Sub-agent of Marine and Fisheries.	1 year from 1st May, 1919.	\$180 p. annum.
" 22.....	The Trusts and Guarantee Co., Ltd.	"	Lease of north store premises No. 606, 2nd st. east, Calgary, Alta.	S. C. Re-Est.....	2 years from 5th Dec., 1918.	\$720 p. annum.
" 25.....	La Cie d'Assurance sur la vie "La Sauvegarde."	"	Lease of office in company's building, s.e. cor. of Notre Dame and St. Vincent sts., Montreal, Que.	Signal Service, Dept. of Marine and Fisheries.	From 1st May, 1919 to 30th April, 1920.	\$400 per annum.
" 25.....	Corporation of the City of Toronto.	"	Lease of "Old Registry Office," No. 45 Richmond st. west, Toronto, Ont.	Mil. Police Barracks (M. and D.)	From month to month from 15th Nov. 1918	\$50 p. month. (monthly tenancy).
" 25.....	Bank of Toronto.....	"	Lease of 4 rooms on 1st floor (vault accommodation included), in "Bank Building," cor. of King and Brock sts., Kingston, Ont.	Demobilization Branch S. C. Re-Est. (C unit).	6 mos. from 14th Feb., 1919.	\$37.50 per month.
" 26.....	The Royal Institution for the Advancement of Learning.	"	Lease of premises northerly cor. of Mance and Ontario sts., Montreal, Que.	S. C. Re-Est.....	1 year from 1st May, 1919.	\$1,500 per annum.
" 31.....	Sarah A. Batson.....	"	Lease of one room in building, Campobello, N.B.	Dept. of Naval Service.	1 year from 31st Dec., 1918.	\$120 p. annum.

The following items were received too late for insertion in last year's Annual Report, 1917-18.

1910.	D. Joss.....	His Majesty.....	Lease of parcel of land and bld'g thereon erected, Lachute, Que.	Militia and Defence.	10 yrs. from 1st Aug., '10.	\$120 p. annum.
1912.	R. J. Carson.....	"	Lease of premises cor. of Barrack and Wellington st. Kingston, Ont.	"	3 yrs. from 1st Feb., '12.	\$600 p. annum.
Oct. 1.....	Louis J. Breithaupt.....	"	Lease of 4 rooms and hall on 1st floor in "Y.M.C.A." building No. 26 Queen st. north, Berlin, Ont.	"	1st yrs. from 1st Oct., '12.	\$240 p. annum.
1914.	Dame Caroline Pelletier Riou.	"	Lease of premises, Fraserville, Que.....	"	3 yrs. from 19th May, '14.	\$75 p. month.
Aug. 7.....	Austen C. McDonald.....	"	Lease of ground floor and warehouse, n. side of Main st., Montague, P.E.I.	"	5 yrs. from 1st Aug., '14.	\$180 p. annum.
Nov. 2.....	Lindsay & McCluskey.....	"	Lease of one story brick building s. w. cor. of Main and Cassels sts, North Bay, Ont.	"	3 yrs. from 1st Nov., '14.	\$600 p. annum.
Dec. 24.....	Alex. Morrison.....	"	Lease of "Morrison lot", Lloyds Cove, Sydney Mines, N.S.	"	1 yr. from 1st Nov., '14, and as long as required.	\$10 p. annum.
1915.	Victoria Garage Co., Ltd.	"	Lease of premises cor. of Duke and Queen st., West, Ottawa, Ont.	Motor cars and trucks..	1 yr. from 1st May, '18.	\$300 p. month.
" 5.....	J. N. Fortin & J. E. Gravelle.	"	Lease of property composed of lots Nos. 713, 714, 710, 708, 707 & w. part of lots Nos. 706, 709 & 711, Hull, Que.	70th Regiment of Hull..	5 yrs. from 1st Sept., '14.	\$2,100 p. ann.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.—*Continued.*

(The following items were received too late for insertion in last year's Annual Report, 1917-18.)

Date of Lease.	Lessor.	Lessee.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1915. Mar. 4.....	The Royal Kennebecensis Yacht Club.	His Majesty.....	Lease of rooms and premises on 2nd floor of "Masonic" building, Germain st., St. John N.B.	Militia and Defence.	from 4th Mar. '15 and for such period as may be required but not to exceed 4 years. from May 1, '15	\$600 p. ann.
April 8.....	Estate of late James Coristine.	"	Lease of rooms Nos. 219 and 220 in "Christine" building, Montreal, Que.	Grain inspection officer.	5 yrs. from 1st May, '15.	\$850 p. ann.
May 26.....	Thomas Hodgins.....	"	Lease of part of lot No. 158 northerly side of Main st., Lucan Village, Ont.	Militia and Defence.....	3 yrs. from 26th May, '15.	\$36 p. ann. renewable.
Oct. 1.....	Gordon McKay & Co., Ltd	"	Lease of the whole of "Gordon McKay" building, Brandon, Man.	"	from 1st Oct., '15 and to continue for duration of war.	\$6,000 p. ann.
" 29.....	Mary Drysdale.....	"	Lease of "Drysdale Home", Herring Cove, N.S.	"	from 1st Nov., '15 and for such period as may be required....	\$5 p. month.
Nov. 1.....	N. Kinsella & J. J. O'Sullivan.	"	Lease of premises No. 274 Good st., Winnipeg, Man.	"	7 months from 1st Nov., '15.	\$200 p. m.
" 25.....	Blenheim skating Rink Co., Ltd.	"	Lease of "Skating Rink", Blenheim, Ont.....	"	5 yrs. from 25th Nov., '15.	\$150 p. ann.
1916. Feb. 4.....	Horace A. Aylwin.....	"	Lease of "Old Tannery" building, Brandon, Man..	"	from mon. to mon. from 4th Feb., '16.	\$100 p. m.
Mar. 15.....	Standard Reliance Mortgage Corporation.	"	Lease of rooms Nos. 26-27 in "Reliance building" Nos. 82-88 King st., East, Toronto, Ont.	"	1 yr. from 15th Mar., '16.	\$600 p. ann.
" 18.....	Governing Council of the Salvation Army in Canada.	"	Lease of "Evangeline Home", St. James st., St. John, N.B.	"	from 18th Mar., '16 and term not to exceed 1 yr. after termination of war.	\$125 p. m.
April 15.....	The Crescent Creamery Co.	"	Lease of "Crescent Creamery" building No. 85, Lombard st., Winnipeg, Man.	"	from mon. to mon. from 15th April, '16.	\$150 p. m.
" 15.....	Ottawa Amateur Athletic Association.	"	Lease of building cor. of Elgin st. and Laurier ave, Ottawa, Ont.	"	3 yrs. from 15th April, '16.	\$6,000 p. ann.



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June	1	Whitmore Bros.	His Majesty	Lease of building cor. of 12th ave and Hamilton st., Regina, Sask.		3 yrs. from 1st June, '16.	\$3,600 p. ann.
"	24	Napoleon Gosselin, Jr.	"	Lease of premises at St. Jean, Isle of Orleans, Que.	"	from 1st June '16 and as long as required.	\$9 p. month.
July	8	The Dominion Bank	"	Lease of room 206 on 2nd floor of building cor. King and Young sts., Toronto, Ont.	"	from 8th July '16 to 1st July, '17	\$720 p. ann.
Aug.	14	Imperial Canadian Trust Co.	"	Lease of 4th and 5th and portion of 3rd floor of "Great West Permanent Loan building" No. 336 Main st., Winnipeg, Man.	"	Duration of war.	\$6,000 p. ann.
Sept.	1	James Stewart Gregory	"	Lease of 100 ft., along western side of "Gregory's Eastern Wharf" at foot of Acadia st., St. John, N.B.	"	1 yr. from date of occupation and thereafter as long as required.	\$30 per m.
"	12	Alexander Building, Ltd.	"	Lease of ground and 1st floor and basement of building, St. Alexandre st., Montreal, Que.	"	5 yrs. from 1st May, '16	\$12,500 p. ann.
"	20	The Kingston Health Association.	"	Lease of premises Portsmouth, Kingston, Ont.	For treatment of tubercular persons.	During term of present war and 3 yrs. thereafter.	Free rent
"	29	Agricultural Society No. 4.	"	Lease of premises on Saunders and Smythe sts., Fredericton, N.B.	Militia and Defence.	From 29th Sept. '16 and for duration of war.	\$1 p. annum.
Nov.	1	Imperial Canadian Trust Co.	"	Lease of rooms Nos. 603, 604, 605 and 606 on 6th floor of "Great West Permanent Loan building" Winnipeg Man.	"	Duration of war.	\$660 p. ann.
"	1	Geo. White & Sons (Co., Ltd.	"	Lease of premises Nos. 73 and 75 King st., London, Ont.	"	Duration of war and 6 mon. thereafter from 1st Nov., '16.	\$1,560 p. ann.
"	1	Sault Ste Marie Skating Rink & Athletic Co., Ltd	"	Lease of "Skating Rink", Gouin st., Sault Ste Marie, Ont.	"	1 yr. from 1st Nov., '16.	\$2,400 per ann.
"	15	Josephine Guy (widow of late Duncan Campbell McCallum).	"	Lease of premises No. 55 Union Ave, Montreal Que.	"	17½ mos. from 15th Nov., '16	\$75 p. month.
Dec.	1	Montague Aldous	"	Lease of 1st, 2nd, 3rd and 4th floors in "Aldous Block", Princess st., Winnipeg, Man.	"	1 yr. from 1st Dec., '16	\$4,800.
"	1	Montague Aldous	"	Lease of 4th floor of premises Nos. 10 and 12, Princess st., Winnipeg, Man.	"	1 yr. from 1st Dec., '16.	\$1,200.
"	1	The Regina Grey Nuns Hospital.	"	Lease of "Regina Grey Nuns Hospital" w. side Angus st, Regina, Sask.	"	from mon. to 1st Dec., '16.	\$35 per month (monthly tenancy.)
"	1	The Regina Public School (District of Saskatchewan).	"	Lease of "Alexander School" Regina, Sask..	"	from mon. to 1st Dec., '16.	\$125 p. mon. (monthly tenancy.)
"	12	Franco-Canadian Collieries Ltd.	"	Lease of "Rocky Mountain Sanatorium", Frank, Alta.	For Mil. Hosp. and Convalescent Home Commission.	from Sept. 1, '18, and for 1 yr. after declaration of peace.	\$50 p. month.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.—Continued.

(The following items were received too late for insertion in last year's Annual Report, 1917-18.)

Date of Lease.	Lessor.	Lessee.	Description of Property.	For what Purpose.	Duration of Lease.	Rental.
1917. Jan. 19 .....	City of Saskatoon .....	His Majesty .....	Lease of "Y.M.C.A." premises, Saskatoon, Sask.	Military Hospital .....	15 yrs. from 12th Mar., '17.	\$4,000 for 1st 2 yr. and same ratio to 4,000 for balance of period.
" 19 .....	Town of Sackville .....	" .....	Lease of Sackville Woodworkers, Ltd., "The Barracks", Sackville, N.B.	Militia and Defence .....	As long as required.	No rent while troops are in building.
Feb. 1 .....	The Halifax Realty Corporation Ltd.	" .....	Lease of "Crystal Spring Brewery", Halifax N.S.	" .....	2 yrs. from 1st Feb., '17.	\$2,200 p. ann.
" 15 .....	Continental Life Insurance Co.	" .....	Lease of rooms Nos. 516 and 517, in "Continental Life building, Toronto, Ont.	" .....	1 yr. from 1st Mar., '17.	\$40 p. month.
" 15 .....	The Board of Education of City of Toronto.	" .....	Lease of Old Givens st. and Crawford st. School buildings, Toronto, Ont.	" .....	fr. Feb. 15, '17, to end of war.	No rent.
" 16 .....	The Board of Managers of Knox Church.	" .....	Lease of St. Andrews Hall, Dewdney st, Regina, Sask.	" .....	8 mon. from 16th Feb., '17, and afterwards fr. mon. to mon.	\$75 p. month.
" 22 .....	Canadian Pacific R'y Company.	" .....	Lease of "Kootenay Lake Hotel", Balfour, B.C.	Military Hospital .....	5 yrs. from 1st Feb., '17.	\$12,600 for whole period
April 10 .....	Donald Kemp Gray & Jno. Russell Gray.	" .....	Lease of 5 story and basement of brick warehouse, Hamilton, Ont.	Militia & Defence .....	from 10th April, '17 and for period of war.	\$6,600 p. ann.
" 12 .....	Frank, A. E. & E. R. Whitmore.	" .....	Lease of building on lots Nos. 21, 22, 23 and 24, Block No. 184, Regina, Sask.	" .....	from Apr. 12, '17 and for duration of war and 1 yr. thereafter.	\$400 p. month.
" 18 .....	Moir's, Ltd. ....	" .....	Lease of Moir's stable property, Halifax (Wil- low Park) N.S.	" .....	from 17th May, '17 and as long as required.	\$10 p. month.
" 19 .....	Province of Ontario .....	" .....	Lease of "Ontario Reformatory" Guelph Ont.	Hos. for returned soldier .....	18 mos. fr. 19th April, '17.	\$25,000 p. ann.
" 25 .....	Georgina Alice Phillips .....	" .....	Lease of rooms Nos. 304, 305, 306, 307, 308, 309, 310, 312 and 313 in "Coronation Building", Montreal, Que.	Militia and Defence .....	12 mos. fr. 1st May, '17	\$1,800 p. ann.
May 1 .....	H. L. Putnam & Estate of John Withell.	" .....	Lease 66 "Stanley St., Presbyterian Church", No. 91 Stanley St., Montreal, Que.	Militia and Defence .....	3 years from 1st May 1917.	\$12,300 p. ann.
" 16 .....	The Alberta College .....	" .....	Lease of premises "A", "B", and "C", etc., Edmonton, Alta. ....	" .....	From 16th May 1917 until 1 yr. after termina- tion of war.	\$11,000 p. ann.



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June	.....	R. J. Ball, R. Brunt, H. Peppler & F.W. Deutschman.	His Majesty	Lease of parcel of land and premises, composed of lots Nos. 17, 18, 19, 20 and 21, block 349, Regina, Sask.	Nurses' Home, Earl Grey	2 yrs. from 1st July '17.	\$1,080 for said term.
"	27	Mrs. Agnes W. Coates	"	Lease of premises No. 4325 Willow st., Vancouver, B.C.	Mil. Hosp. Commission.	4 yrs. from 1st July '17.	\$480 p. ann.
"	28	Alexander Fraser	"	Lease of premises No. 333 Richmond st., London, Ont	Militia and Defence.	From 28th June '16 and for duration of war and 3 months after.	\$2,100 p. ann.
July	1	The Canada Bread Company, Limited.	"	Lease of premises cor. of Soho and Phoebe sts., Toronto, Ont.	"	5 yrs. from 1st July '17.	\$490 p. month.
"	15	Thomas H. Blow	"	Lease of building on lots Nos. 33, 34 and 35, block 53, Calgary, Alta.	"	2 yrs. from 15th July '17.	\$600 p. annum.
Aug.	30	McCallum Hill Building Limited.	"	Lease of suite No. 909 in McCallum Hill Building," Regina, Sask.	"	2 yrs. from 1st July '17.	\$40 p. month.
Sept.	1	Trustees of Toronto General Hospital.	"	Lease of "Old Hospital Block," Gerrard st., Toronto, Ont.	"	7 yrs. from 1st Sept. '17	\$10 000 p ann
"	1	W. A. Mitchell	"	Lease of ground floor of store property and basement of same, No. 71 King st. west, Toronto, Ont.	Soldiers' Aid Commission.	From Mon. to 1st. Sept. '17.	\$75 p month.
"	4	H. L. Perchard	"	Lease of property known as 12 Longueuil st., St. Johns, Que.	Militia and Defence.	1 yr. from 1st June '17.	\$2,000 p. ann.
"	12	The Vancouver Women's Building, Ltd.	"	Lease of southerly 66 ft. of lots Nos. 10 and 11, block 4, Vancouver, B.C.	"	For 1 mon from 12th Sept. '17, and thereafter from mon. to mon.	100 p. m.
"	15	Max Susman	"	Lease of cement building and passages on s. side of Cataragui st. Kingston, Ont.	Ordnance depot (M.&D.)	5 yrs. from 15th. Sept. '17.	\$2,682 p. ann.
Oct.	1	A. W. McGregor	"	Lease of building on most westerly 70 feet of lot No. 8, Ottawa st., Regina, Sask.	Militia and Defence.	From 1st Oct. '17 to 30th Sept. '1918.	\$360 p. ann.
"	1	The Governors of the University of Toronto.	"	Lease of s. 1/2 of lot No. 17, known as No. 1 Queens Park, Toronto, Ont.	"	3 yrs. from 1st Oct. '16.	\$1,200 p. ann.
"	1	J. N. Carpenter, agent of the Colonial & Continental Church Society of England.	"	Lease of "Emmanuel College" Saskatoon, Sask.	House for returned soldiers.	1 yr. from 1st Oct. '17.	\$1,200 p. ann. (renewable.)
"	15	Henry D. Baird	"	Lease of premises n. side of Chapel st., Woodstock, N.B.	Militia and Defence.	7 1/2 mos. from 15th Oct. '17.	\$20 p. month.
"	18	Mrs. C. J. Logue	"	Lease of three story dwelling house on e. side of Charlotte st., Sydney, N.S.	"	For such period as may be required from 1st Jan. '18.	\$25 p. mont.
"	26	The town of Woodstock	"	Lease of "Moore's stables", Woodstock, N.B.	"	As long as required.	Free rent.
"	26	The town of Woodstock	"	J. C. Hartley's stables on Park Property, Woodstock, N.B.	"	As long as required.	Free rent.



STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1918, to March 31, 1919.—*Concluded.*

(The following items were received too late for insertion in last year's Annual Report, 1917-18.)

Date. of Lease.	Lessor.	Lessee.	Description of Property.	For what Purpose.	Duration of Lease	Rental.
1917.						
Nov. 1	Imperial Canadian Trust Co.	His Majesty	Lease of room No. 704 in Great West Permanent Loan Building, Winnipeg, Man.	Militia and Defence.	From mon to mon from 1st Nov. '17.	\$18 p. month. (monthly tenancy).
" 1	Smith Estate	"	Lease of Ravins Rink Property, Toronto, Ont.	"	1 yr. from 1st Nov. '17.	\$250 p. m.
" 11	Montague Aldous	"	Lease of 5 floors and basement of "Robertson Building" 133 Portage Ave., Winnipeg, Man.	"	1 yr. from 11th Nov. '17.	\$490 p. m.
" 12	M. P. Warren	"	Lease of "Warren Mfg. Building", 786-788 King st. west, Toronto, Ont.	"	From 20th Nov. '17 for period of war and 1 yr. thereafter.	\$135 p. m.
" 17	Imperial Canadian Trust Co.	"	Lease of rooms Nos. 607, 608 and 609 in Great West Permanent Loan Building, Winnipeg Man.	"	From mon to mon from 17th Nov. '17.	\$70 p. month.
" 19	The University of Kings College.	"	Lease of part of Main College Building, Windsor, N.S.	"	5 mos. from 1st Nov. '17.	\$150 for whole period.
" 19	Archibald McTaggart	"	Lease of lot No. 6, 2nd Con. of Division "C", Guelph, Ont.	Soldiers C. Re-Est.	Fr. Nov. 1, '17, and thereafter asyly. tenancy.	\$260 p. annum.
" 20	Mrs. M. M. Cummings	"	Lease of house on Ste. Anne st., Place d'Armes and coach house No. 5, Tresor Lane, Quebec, Que.	Militia and Defence.	For 1 mon and 10 days from 20th Nov. '17	\$153.33 for whole period (renewable)
" 27	N. E. O'Connor	"	Lease of ground floor of building, "Golden Lion Block" and right of way in back of same, Kingston, Ont.	Voc. Branch of S. C. Re-Est.	5 yrs. from 1st Dec. '17.	360 p. ann.
Dec. 1	The Dominion Bank	"	Lease of room No. 401 on 4th floor of "Dominion Bank Building" s. w. cor. of King and Yonge sts., Toronto, Ont.	Militia and Defence.	From 1st Dec. '17.	\$60 p. month (monthly tenancy).
" 5	Lawrence Kehoe	"	Lease of two stalls in stable, North Sydney, N.S.	"	Fr. Nov. 1, '17, and for such period as may be required.	\$6 p. month.
" 14	Imperial Canadian Trust Co.	"	Lease of rooms Nos. 600 and 703 in "Great West Permanent Loan Building," Winnipeg, Man.	Ass't Dir. of Medical Service.	From mon. to mon from 14th Dec. '17.	\$45 p. month.
1918.						
Jan. 2	R. K. Jones, (Eastern Trust Co.)	"	Lease of "Caverhill Hall" n.e. cor. of Sydney and Mecklenburg sts., St. John, N.B.	Militia and Defence.	2 yrs. from 2nd Jan. '18.	\$1,000 p. ann.
" 5	F. C. Jarvis	"	Lease of part of "Douglas Block" No. 356 College st., and 2, 4, 6 Brunswick Ave., Toronto, Ont.	Vocational training for returned soldiers.	1 yr. from 7th Jan. '18.	\$1,200 p. ann.



SESSIONAL PAPER No. 19

Jan.	17	Imperial Canadian Trust Company.	His Majesty	Lease of rooms Nos. 804, 805 and 806 in "Great West Permanent Loan Building", Winnipeg, Man.	Ass't. Dir. of Medical Service.	From mon. 17th Jan. '18.	\$41.25 p. m.
"	26	R. T. Elliott, H. A. MacLean, H. H. Shandley, H. M. Fullerton & T. S. McPherson.	"	Lease of 6th floor and rooms Nos. 501 to 514, both incl., on 5th floor of "Central Building" n.w. cor. of Broad and View sts., Victoria, B.C.	Militia and Defence.	3 yrs. from 1st Feb. '18.	\$350 p. m.
Feb.	1	Island Land Company Ltd.	"	Lease of rooms Nos. 108, 109, 110 and 111 on 1st floor of "Drummond Building" Montreal, Que.	Mil. Hosp. Commission.	From 1st May, '18 to 30th April '19.	\$1,567.50 per annum.
"	1	James M. Caines.	"	Lease of stables, buildings and lands, Kingston, Ont.	Militia and Defence.	3 yrs. from 1st Feb. '18.	\$800 p. ann.
"	1	Island Land Co., Ltd.	"	Lease of rooms Nos. 300 to 306, both incl., on 3rd floor of "Drummond Building", Montreal, Quebec.	Mil. Hosp. Commission.	From 1st May '18 to 30th April, '19.	\$3,432.50 per annum.
"	1	Island Land Co., Ltd.	"	Lease of rooms Nos. 221 and 222 on 2nd floor of "Drummond Building", Montreal, Que.	"	From 1st Feb. '18 to 30th April, 1919.	\$1,332 p. ann.
"	5	The Clark Stuart Co. Ltd.	"	Lease of all the rooms on 5th floor of "Clarke Stuart Building", Vancouver, B.C..	Militia and Defence.	1 mon. from 1st Feb. '16 and thereafter from mon to mon.	\$150 p. m.
"	11	The Corporation of City of Victoria.	"	Lease of agricultural grounds & buildings at Willow Park (Oak Bay) Victoria, B.C.....	Barracks (for M. & D.)	From 1st Aug. '16 to end of present war.	\$150 p. month for less than 200 troops, \$300 p. mon. for less than 1,000 troops and \$600 for more than 1,000 troops.
"	22	Kenneth A. McLeod.	"	Lease of rooms Nos. 617-618 and 619 in building, Edmonton, Alta.	Dept. of Mines.	2 yrs. from 15th Jan. '18.	\$720 p. ann.
"	24	Lyman Tube & Supply Co Ltd.	"	Lease of 3rd and 4th floors of building fronting on Ste. Sophie Lane, Montreal, Que.	Inv.-Soldiers' Commission.	1 yr. and 3 mos. from 1st Feb. '18.	\$3,000 p. ann.
"	26	J. H. Morin.	"	Lease of "Balmoral Annex" Sudbury, Ont....	Militia and Defence.	1 yr. from 26th Feb. '18.	\$1,200 p. ann.
Mar.	1	Saskatchewan Mortgage & Trust Corp., Ltd.	"	Lease of 3 stores on 13th Ave., Regina, Sask.	"	1 yr. from 1st Mar. '18.	\$1,200 p. ann.
"	12	La Cie des Carrieres de Beauport Ltd.	"	Lease of Vinegar factory property, St. Johns, Que.	"	1 yr. from 27th Sept. '17.	\$2,000 p. ann.
"	12	The Royal Institution for the Advancement of Learning.	"	Lease of premises n.e. cor. Mance & Ontario sts., Montreal, Que.	Inv. Soldiers' Commission.	3 yrs. from 1st May '18.	\$1,500 p. ann
"	25	Percy C. Black & J. W. Regan (Liquidators of Nova Scotia Carriage, Ltd.)	"	Lease of certain land in Amherst, N.S.....	Accommodation of troops.	2 yrs. from 25th Mar. '18.	\$7,000 p. ann.



## THE NATIONAL GALLERY OF CANADA.

BY ERIC BROWN, DIRECTOR.

On account of the continued occupation of the temporary premises of the National Gallery in the Victoria Museum by the Houses of Parliament, the work of the Gallery has again necessarily been concentrated upon its policy of making loans of works of art to any art gallery or body possessing proper facilities for their free public exhibition, and of thus utilizing to the fullest possible extent the possessions of the National Gallery which the closing of its premises has made impossible in Ottawa.

The previous appropriations of \$18,000 had permitted the purchase of a very limited number of Canadian works of art and through the National Gallery loan exhibitions, the trustees had been able to continue, if not to further, this work in response to the increasing number of applications for them.

For the current year, the trustees made formal application to the Hon. Minister of Public Works for the sum of \$20,000, which was felt to be the minimum which would ensure the carrying on of the work of the Gallery until better times, and would enable some at least of the most necessary work of upkeep to be carried out.

Without consultation with the trustees, the application was refused, and the sum of \$8,000 only was placed in the Main Parliamentary Estimates, which entirely precluded any possibility of the development of those policies entered into with the sanction of the Government and preventing even the most vitally necessary work being undertaken for the preservation of the works of art already acquired.

In view of the attitude evidently entertained by the Government towards all art in general and the National Gallery in particular, the trustees do not propose to enter into further written argument in support of their reiterated contention, that there is no real economy in the refusal of adequate grants for the purposes of art. The trustees will take an early opportunity of asking for an appointment to meet the Prime Minister with the hope that a personal explanation of the situation may result in a change of the Government's attitude towards their work.

The following regular annual loans of works of art were sent out during the year:—

Moosejaw, Sask. (pictures).  
Port Arthur, Ont.       "  
Fort William, Ont.       "  
Regina, Sask.           "

Winnipeg, Man. (pictures).  
Hamilton, Ont.       "  
Sherbrooke, Que.       "  
St. John, N.B.       "

The following special exhibitions of works of art were also arranged and sent out:—

A collection of thirty-four (34) Canadian pictures was exhibited in the following art galleries in the United States between November 15, 1918, and July 1, 1919: St. Louis, Mo.; Muskegon, Mich.; Minneapolis, Minn.; Chicago, Ill.; Milwaukee, Wis.

A collection of seventy-five (75) pictures was lent to the art museum of Toronto from January 7 to February 23, 1919.

All these exhibitions were highly successful, and the continual increase in the application for them is evidence of a growing desire for artistic knowledge throughout the country.

The National Gallery Travelling Scholarship of \$1,000 was not awarded owing to the National Gallery appropriation containing no provision for it, although this scholarship had been arranged with the Government's concurrence, and it had been



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specifically mentioned by the trustees in the detailed application for the appropriation.

Additional by-laws in accordance with article 5, subsection C of the National Gallery of Canada Act were made necessary by certain salary increases, and duly received the approval of the Hon. Minister of Public Works.

The following additional by-laws under article 5, subsection D, duly received the approval of the Minister of Public Works:—

D. No. 3.—All reproduction of works of art which are the property of the National Gallery of Canada shall bear the legend: "The Property of The National Gallery of Canada."

The trustees met formally on two occasions, and the following works of art were acquired by gift or purchase:—

## GIFTS.

J. H. Sandham.. . . .	Eight (8) drawings.
Palmer Cox.. . . .	Three (3) drawings. (Presented by Mr. George Iles.)
Daniel Fowler.. . . .	Water colour, "Hollyhocks." (Presented by Dr. F. J. Shepherd.)
Charles de Belle.. . . .	"A Bleak Day." (Presented by the Royal Academy of Arts.)
Stanley Harrod.. . . .	Two (2) bookplates. (Presented by Sir Edmund Walker.)
A. H. Howard.. . . .	One (1) bookplate. (Presented by Sir Edmund Walker.)
Ninety (90) Canadian bookplates.	(Presented by Mr. Stanley Harrod.)

## PURCHASES.

Palmer Cox.. . . .	Twenty-two (22) drawings.
Flaxman.. . . .	Six (6) drawings: "The Fight for the Body of Patroclus." "Leucothea Saving Ulysses." "Morning." "Scylla." "Ulysses Preparing to Fight Irus." "Study for a Drawing for the Iliad."











